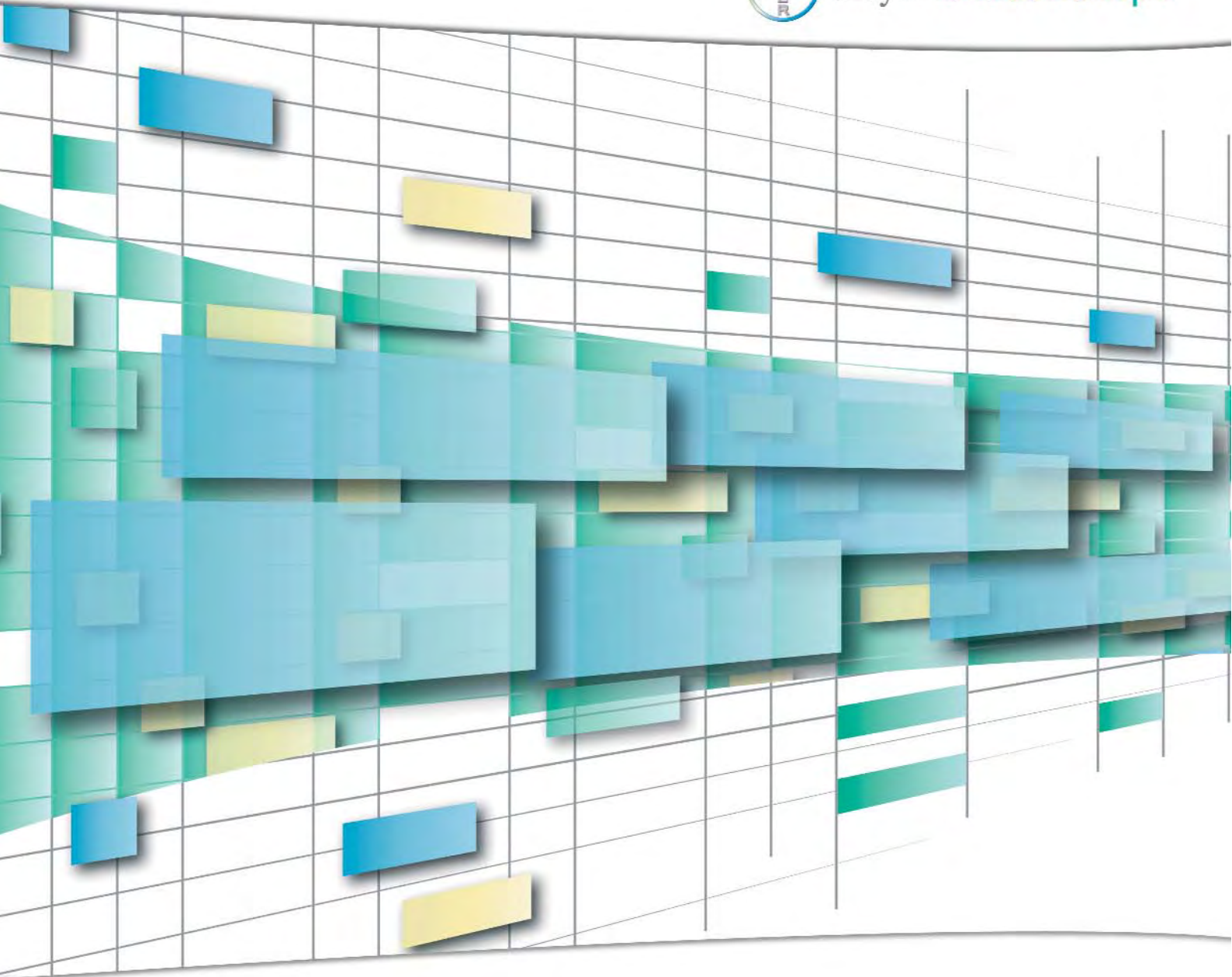




Bayer Sheet Europe



Sales Handbook
April 2011



DEFINITIONS

Standard

Production runs planned at regular intervals

Semi-Standard

Production runs depending on market requirements

On request

No planned production runs, minimum order quantity required. The minimum quantity for multi wall sheets is 3 tons. The minimum order quantity for double-sided UV multi wall sheets is 10 tons.

Please ask for the particular minimum order quantity as far as solid sheets are concerned.



makrolon®

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



CHANGES IN DELIVERY PROGRAM SOLID SHEETS

For some products, the status (standard, semi-standard, on request) has changed. Please see details on the following pages.



CHANGES IN DELIVERY PROGRAM MAKROLON® MULTI UV

Following products are added to the product range:

Makrolon® Ambient S2S-25

Makrolon® multi UV 4/6-6

The minimum order quantity for double-sided UV multi wall sheets is 10 tons.

For some products, the status (standard, semi-standard, on request) has changed. Please see details on the following pages.



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®



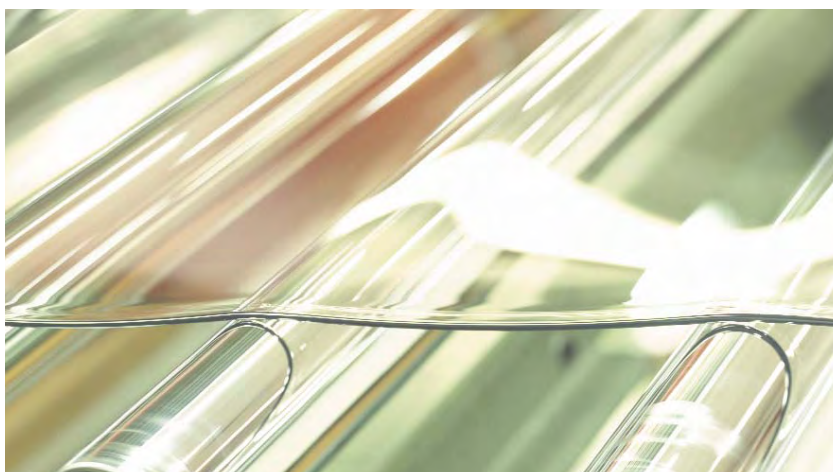
EXAMPLE: MAKROLON® UV BRONZE 2850

Makrolon®	UV	bronze	2850
Brandname	Properties	Colour group	Definition (4 digits)
Makrolon® Vivak® Axpert®	GP: general purpose UV: UV-protected NR: non-reflective AR: abrasion resistant FR: flame-retardant FG: food grade	clear white bronze grey green blue umbra	<p><u>1st digit: properties</u> - no special properties 2 = 2 sides UV-protected 7 = 1 side abrasion resistant 8 = 2 sides abrasion resistant</p> <p><u>2nd digit: colour</u> 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown / bronze 9 black</p> <p><u>3rd & 4th digit: approximate light transmission at 3 mm*</u> <i>Example: 2850</i> <i>2 sides UV-protected, bronze, LT 50% at 3 mm</i></p>

* only valid for standard products

STRUCTURE (OPTIONAL)

- R: raindrop
- H: haircell
- P: pearl
- X: prism
- G: fine ripples
- C: chairmat



makrolon®

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



EXAMPLE: MAKROLON MULTI UV® 3X/16-25 WHITE 1146

Makrolon®	3X/ 16-25	white	1146
Brandname	Geometry	Colour	Definition (4 digits)
Makrolon® multi UV	<u>1st digit: layers</u> 2: twinwall 3: triplewall 4: 4-wall 5: 5-wall 6: 6-wall <u>Optional: structure</u> X: X-structure M: M-structure <u>2nd digit: thickness</u> e.g. 16: 16 mm thick <u>3rd digit: rib distance</u> e. g. 25: 25 mm	clear white bronze green blue	<u>1st digit: properties</u> 1 = 1 side UV-protected 2 = 2 sides UV-protected 4 = 1 side UV, 1 side no drop <u>2nd digit: colour</u> 0 clear 1 white 2 orange 3 red 4 violet 5 blue 6 green 7 grey 8 brown/ bronze 9 black <u>3rd & 4th digit</u> approximate light transmission example: 1146 1 side UV-protected, white, LT ~45%

ADDITIONAL PROPERTIES (OPTIONAL)

IQ-Relax: heat reflecting opal multiwall sheet
 no drop: no drop coating on 1 side
 CC: Climate Control, transparent and heat reflecting



Product liability clause: This information and our technical advise - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG





MAKROLON® GP

Makrolon® GP is a mono-layer polycarbonate sheet, with good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® GP

Density:	1,20 g/cm ³		
Light transmission : (at 3 mm)	clear	099 :	88%
	white	130 :	30%
	white	150 :	50%
	umbra	775 :	75%
Special grades:	NR :	non-reflective	
	FR :	flame-retardant	
	FG :	food grade	



STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Makrolon GP clear 099	2 050 x 1 250 mm	bulk	400	300	200	150	100	75	60	50	40	30	25	°
		carton	50	40	30	20	15	10	8	6	5	4	3	°
	3 050 x 2 050 mm	bulk		°	°	60	40	30	24	20	15	12	10	8
		carton		40	30	20	15	10	8	6	5	4	3	3
Makrolon GP white 130	3 050 x 2 050 mm	bulk		°	°	60	40	°	°	°	°	°	°	°
		carton		°	°	20	15	10	°	°	°	°	°	°
Makrolon GP white 150	3 050 x 2 050 mm	bulk		°	°	60	40	°	°	°	°	°	°	°
		carton		°	°	°	°	°	°	°	°	°	°	°
Makrolon GP umbra 775	3 050 x 2 050 mm	carton		°	°	°	°	°	°	°	°	°	°	°
Makrolon FR clear 099	3 050 x 2 050 mm	carton				20	15	°	8	°				

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon FG clear 099	1250, 2050 mm	1-12 mm
Makrolon NR clear 099	1250 mm	0.75 - 5 mm
Makrolon NR clear 099	2050 mm	1 - 5 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request



makrolon®

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® UV

Makrolon® UV is a mono-layer polycarbonate sheet, with improved UV-protection on both sides. On top of that, it offers good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® UV

Density:	1,20 g/cm ³
Light transmission :	clear 2099 : 87%
(at 3 mm)	white 2130: 30%
	white 2150 : 50%
	bronze 2850 : 50%
	grey 2760 : 62%
	green 2650 : 77%
	blue 2550 : 61%



STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	2	3	4	5	6	8	10	12	15
Makrolon UV clear 2099	2 050 x 1 250 mm	carton	20	15	10	8	6	°	°	°	°
	3 050 x 2 050 mm	bulk	60	40	30	24	20	15	12	10	8
		carton	20	15	10	8	6	5	4	3	3
Makrolon UV white 2130	6110 x 2050 mm	bulk	30	20	15	12	10	°	°	°	°
	3 050 x 2 050 mm	bulk	°	40	30	24	°	°	°	°	°
Makrolon UV white 2150		carton	°	°	°	°	°	°	°	°	°
	3 050 x 2 050 mm	bulk	°	40	30	24	°	°	°	°	°
		carton	°	15	10	8	°	°	°	°	°
Makrolon UV bronze 2850	6110 x 2050	bulk	°	20	15	°	°	°	°	°	°
	3 050 x 2 050 mm	bulk	°	40	30	24	20	15	°	°	°
		carton	°	15	10	8	6	5	°	°	°
Makrolon UV grey 2760	6110 x 2050	bulk	°	20	15	12	°	°	°	°	°
	3 050 x 2 050 mm	bulk	°	40	30	24	20	°	°	°	°
		carton	°	°	°	°	°	°	°	°	°

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon UV blue 2550	1250, 2050 mm	2 - 12 mm
Makrolon UV green 2650	1250, 2050 mm	2 - 12 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®



MAKROLON® AR

Makrolon® AR is a mono-layer polycarbonate sheet with improved scratch resistance on both sides. On top of that, it offers improved chemical resistance and weathering resistance, next to good transparency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® AR

Density: 1,20 g/cm³
Light transmission : clear 8099 : 88%
(at 3 mm) bronze 8850 : 50%

STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	1,5	2	3	4	5	6	8	10	12	15
Makrolon AR clear 8099	3 000 x 2 000 mm	carton	°	°	15	10	8	6	5	4	3	°

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon AR bronze 8850	2 000 mm	1,5 -15 mm
Makrolon AR clear 7099	2 000 mm	1,5 -15 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request



makrolon®

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® UV PATTERNED

Makrolon® UV patterned sheet is a mono-layer polycarbonate sheet, with improved UV-protection on both sides and a special pattern on the surface(s). On top of that, it offers good translucency, extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

Makrolon® UV patterned

Density:	1,20 g/cm ³
Light transmission : (at 3 mm)	clear 2099 : 86%
	bronze 2850 : 50%
	blue 2550 : 61%
	green 2650 : 77%
Patterns:	RH : raindrop/haircell
	P : pearl/smooth
	GX : prism/fine ripples

STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	3	4	5	6
Makrolon UV clear 2099 RH	3 050 x 2 050 mm	carton	15	10	8	6
Makrolon UV clear 2099 P	3 050 x 1 650 mm	small bulk	°	°	12	°
Makrolon UV clear 2099 GX	3 050 x 1 650 mm	small bulk	20	°	°	

ON REQUEST RANGE

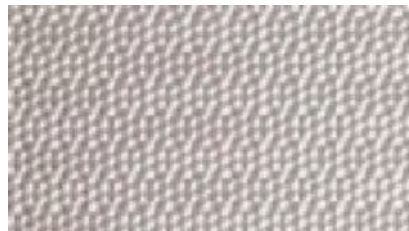
Product	Available widths	Available thicknesses
Makrolon UV bronze 2850 RH	2 050 mm	3 - 6 mm
Makrolon UV blue 2550 RH	2 050 mm	3 - 6 mm
Makrolon UV green 2650 RH	2 050 mm	3 - 6 mm

*LEGEND

30	Standard
30	Semi-Standard
°	on request



RH pattern



P pattern



GX pattern

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®



MAKROLON® UV CLIMATE CONTROL

Makrolon® UV ClimateControl are transparent polycarbonate sheets with a protective UV-coating on both sides. The sheets substantially reduce high temperatures caused by sunlight as they block out the majority of infrared light.

DESCRIPTION

Makrolon® UV CC

Thickness:		1,20 g/cm ³
Light transmission : (at 3 mm)	blue	2555 : 55%
	green	2655 : 55%
	bronze	2855 : 55%
	grey	2755 : 55%

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Makrolon UV CC blue 2555	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC green 2655	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC bronze 2855	1 250 mm, 2050 mm	2 -12 mm
Makrolon UV CC grey 2755	1 250 mm, 2050 mm	2 -12 mm



makrolon®

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® HYGARD

Makrolon Hygard® sheets consist of multiple layers of polycarbonate or polycarbonate/acrylic with bonding interlayers. These tough yet lightweight materials offer proven resistance to physical and ballistic attack.

Makrolon Hygard® is offered in 5 levels of protection. All sheets feature a hard coated surface for exceptional resistance to abrasion and UV-degradation.

DESCRIPTION CONTAINMENT GLAZING

Makrolon Hygard® CG 375 clear 8099

Thickness: 10,0 mm
Weight: 12,0 kg/m²
Type: PC/PC

Makrolon Hygard® CG 500 clear 8099

Thickness: 13,5 mm
Weight: 16,2 kg/m²
Type: PC/ PC/ PC

DESCRIPTION BULLET RESISTANT GLAZING

Makrolon Hygard® BR 750 clear 8099

Thickness: 20,0 mm
Weight: 24,0 kg/m²
Type: PC/ PMMA/ PC

Makrolon Hygard® MS 1250 clear 8099

Thickness: 33,0 mm
Weight: 39,6 kg/m²
Type: PC/ PC/ PMMA/ PC

SEMI-STANDARD PROGRAMM

Product	Available widths	Available thicknesses
Makrolon Hygard® CG 375 clear	1520 x 2440 mm	10,0 mm
CG 500 clear	1520 x 2440 mm	13,5 mm
BR 750 clear	1520 x 2440 mm	20,0 mm
MS 1250 clear	1520 x 2440 mm	33,0 mm

Packaging unit :
available per single sheet.
Other sizes on request.



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG. Hygard® is a registered trademark of Bayer AG.



makrolon®



RPC BLACK

RPC black is a mono-layer polycarbonate sheet, made from 100% recycled polycarbonate resin. It offers extreme impact resistance, high temperature resistance and good fire behaviour.

DESCRIPTION

RPC black 900

Density: 1,20 g/cm³
Colour: black 900 <1% (opak)
Patterns: G: fine ripples / smooth

ON REQUEST RANGE

Product	Available widths	Available thicknesses
RPC black 900	max. 1250 mm	1 - 12 mm
RPC black 900 G	max. 1650 mm	2 - 6 mm

**makrolon®**

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®



MAKROLON® MULTI UV 2/4

Makrolon® multi UV 2/4 is a twin wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The twin wall structure offers a high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 2/4-6

Thickness:	4 mm		
Rib distance:	6 mm		
Weight:	0,8 kg/m ²		
Light transmission:	clear 1099:	79%	
	white 1146:	77%	
	white 1125:	28%	

PRODUCT RANGE

Semi-standard range

Makrolon® multi UV 2/4-6 clear 1099

On request

Makrolon® multi UV 2/4-6 white 1125
 Makrolon® multi UV 2/4-6 white 1146
 Makrolon® multi UV 2/4-6 bronze 1845
 Makrolon® multi UV 2/4-6 blue 1545
 Makrolon® multi UV 2/4-6 green 1650

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/4-6	clear 1099	2 100 mm	6 000 mm	100

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/4-6	white 1125	2 100 mm	on request	on request
	bronze 1845	2 100 mm	on request	on request
	white 1146	2 100 mm	on request	on request
	blue 1545	2 100 mm	on request	on request
	green 1650	2 100 mm	on request	on request



Thickness 4 mm



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® MULTI UV 2/6

Makrolon® multi UV 2/6 is a twin wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The twin wall structure offers a high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 2/6-6

Thickness:	6 mm		
Rib distance:	6 mm		
Weight:	1,3 kg/m ²		
Light transmission:	clear 1099:	79%	
	white 1146:	77%	
	white 1125:	21%	
	blue 1545:	42%	
	green 1650:	55%	

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/6-6 clear 1099

Semi-standard range

Makrolon® multi UV 2/6-6 white 1146

Makrolon® multi UV 2/6-6 bronze 1845

On request

Makrolon® multi UV 2/6-6 white 1125

Makrolon® multi UV 2/6-6 blue 1545

Makrolon® multi UV 2/6-6 green 1650

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/6-6	clear 1099	2 100 mm	6 000 mm	70

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/6-6	white 1146	2 100 mm	6 000 mm	70
	bronze 1845	2 100 mm	6 000 mm	70

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/6-6	white 1125	2 100 mm	on request	on request
	blue 1545	2 100 mm	on request	on request
	green 1650	2 100 mm	on request	on request



Thickness 6 mm

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®
multi UV



MAKROLON® MULTI UV 2/8

Makrolon® multi UV 2/8 is a twin wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The twin wall structure offers a high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 2/8-10.5

Thickness:	8 mm
Rib distance:	10.5 mm
Weight:	1,5 kg/m ²
Light transmission:	clear 1099: 81%
	white 1146: 78%
	white 1125: 21%
	blue 1545: 44%
	green 1650: 58%

Special types: no drop

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/8-10.5 clear 1099

Semi-standard range

Makrolon® multi UV 2/8-10.5 white 1146

Makrolon® multi UV 2/8-10.5 bronze 1845

On request

Makrolon® multi UV 2/8-10.5 white 1125

Makrolon® multi UV 2/8-10.5 blue 1545

Makrolon® multi UV 2/8-10.5 green 1650

Makrolon® multi UV 2/8-10.5 clear 4099 no drop

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/8-10.5	clear 1099	2 100 mm	6 000 mm	60

SEMI-STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/8-10.5	white 1146	2 100 mm	6 000 mm	60
	bronze 1845	2 100 mm	6 000 mm	60

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 2/8-10.5	white 1125	2 100 mm	on request	on request
	blue 1545	2 100 mm	on request	on request
	green 1650	2 100 mm	on request	on request
	clear 4099 no drop	2100 mm	on request	on request



Thickness 8 mm



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® MULTI UV 2/10

Makrolon® multi UV 2/10 is a twin wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The twin wall structure offers good thermal insulation and a high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 2/10-10.5

Thickness:	10 mm	
Rib distance:	10.5 mm	
Weight:	1,7 kg/m ²	
Light transmission:	clear 1099:	80%
	white 1146:	70%
	IQ-Relax:	70%
	white 1125:	19%
	blue 1545:	42%
	green 1650:	54%

Special types:	no drop
	IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 2/10-10.5 clear 1099
Makrolon® multi UV 2/10-10.5 white 1146
Makrolon® multi UV 2/10-10.5 bronze 1845

Semi-standard range

Makrolon® multi UV 2/10-10.5 white 1125
Makrolon® multi UV 2/10-10.5 blue 1545
Makrolon® multi UV 2/10-10.5 green 1650

On request

Makrolon® multi UV 2/10-10.5 white 1140 IQ-Relax
Makrolon® multi UV 2/10-10.5 clear 4099 no drop

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 2/10-10.5 clear 1099	2 100 mm	6 000 mm	50
		7 000 mm	45
white 1146	2 100 mm	6 000 mm	50
		7 000 mm	45
bronze 1845	2 100 mm	6 000 mm	50
		7 000 mm	45

SEMI-STANDARD RANGE

Product	Width	Length	Sheets per pallet	
Makrolon multi UV 2/10-10.5	clear 1099	1 220 mm	6 000 mm	50
	white 1125	2 100 mm	6 000 mm	50
	blue 1545	2 100 mm	6 000 mm	50
	green 1650	2 100 mm	6 000 mm	50

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 2/10-10.5 white 1140 IQ-Relax	2 100 mm	on request	on request
clear 4099 no drop	2 100 mm	on request	on request

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®
multi UV



MAKROLON® MULTI UV 4/6

Makrolon® multi UV 4/6 is a 4-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 4-wall sheet with Y-structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 4/6-6

Thickness:	6 mm	
Rib distance:	6 mm	
Weight:	1,4 kg/m ²	
Light transmission:	clear 1099:	69%

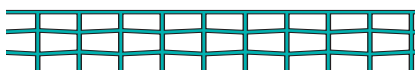
PRODUCT RANGE

On request

Makrolon® multi UV 4/6-6 clear 1099
Makrolon® multi UV 4/6-6 white 1146

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 4/6-6	clear 1099	1 250 mm	on request	on request
		2 100 mm	on request	on request
	white 1146	1 250 mm	on request	on request
		2 100 mm	on request	on request



Thickness 6 mm



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



MAKROLON® MULTI UV 4/8

Makrolon® multi UV 4/8 is a 4-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 4-wall sheet with Y-structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

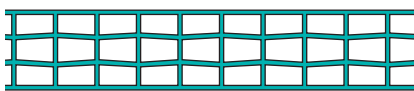
Makrolon® multi UV 4/8-6
 Thickness: 8 mm
 Rib distance: 6 mm
 Weight: 1,6 kg/m²
 Light transmission: clear 1099: 68%

PRODUCT RANGE

On request
 Makrolon® multi UV 4/8-6 clear 1099
 Makrolon® multi UV 4/8-6 white 1146

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 4/8-6	clear 1099	1 250 mm	on request	on request
		2 100 mm	on request	on request
	white 1146	1 250 mm	on request	on request
		2 100 mm	on request	on request



Thickness 8 mm



Product liability clause: This information and our technical advise - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG





MAKROLON® MULTI UV 4/10

Makrolon® multi UV 4/10 is a 4-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 4-wall sheet with Y-structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 4/10-6

Thickness:	10 mm
Rib distance:	6 mm
Weight:	1,75 kg/m ²
Light transmission:	clear 1099: 68%
	white 1146: 61%
	IQ-Relax: 52%
Special types:	IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 4/10-6 clear 1099
Makrolon® multi UV 4/10-6 white 1146

Semi-standard range

Makrolon® multi UV 4/10-6 white 1140 IQ-Relax

On request

Makrolon® multi UV 4/10-6 white 1125
Makrolon® multi UV 4/10-6 bronze 1845
Makrolon® multi UV 4/10-6 blue 1545

STANDARD RANGE

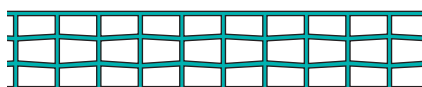
Product	Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6 clear 1099	2 100 mm	6 000 mm	50
		7 000 mm	45
white 1146	2 100 mm	6 000 mm	50
		7 000 mm	45

SEMI-STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6 white 1140 IQ-Relax	2 100 mm	6000 mm	50
		7000 mm	45

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6 clear 1099	1 250 mm	on request	on request
		on request	on request
white 1125	2 100 mm	on request	on request
		on request	on request
white 1146	1 250 mm	on request	on request
		on request	on request
white 1140 IQ-Relax	1 250 mm	on request	on request
		on request	on request
bronze 1845	2 100 mm	on request	on request
		on request	on request
blue 1545	2 100 mm	on request	on request
		on request	on request



Thickness 10 mm



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® MULTI UV 3/16

Makrolon® multi UV 3/16 is a 3-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 3-wall structure offers good thermal insulation and a very high load bearing in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 3/16-16

Thickness:	16 mm		
Rib distance:	16 mm		
Weight:	2,8 kg/m ²		
Light transmission:	clear 1099:	74%	
	white 1146:	56%	
	bronze 1845	46%	

Special types: no drop

PRODUCT RANGE

On request

Makrolon® multi UV 3/16-16 clear 1099
 Makrolon® multi UV 3/16-16 white 1146
 Makrolon® multi UV 3/16-16 bronze 1845
 Makrolon® multi UV 3/16-16 clear 4099 no drop
 Makrolon® multi UV 3/16-16 white 4146 no drop

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 3/16-16 bronze 1845	980/ 1 200/ 2 100 mm	on request	on request
clear 1099	980/ 1 200/ 2 100 mm	on request	on request
clear 4099 no drop	980/ 1 200 mm	on request	on request
white 1146	980/ 1200/ 2 100 mm	on request	on request
white 4146 no drop	980/ 1 200 mm	on request	on request



Thickness 16 mm



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®
multi UV



MAKROLON® MULTI UV 3X/16

Makrolon® multi UV 3X/16 is a 3-wall, X-structured multi-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 3-X structure offers excellent thermal insulation and a very good structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 3X/16-25

Thickness:	16 mm
Rib distance:	25 mm
Weight:	2,5 kg/m ²
Light transmission:	clear 1099: 66%
	white 1146: 54%
	IQ-Relax: 46%
	CC green 1655: 51%
	CC grey 1725: 22%
	blue 1545: 32%
	green 1650: 40%

Special types:	IQ-Relax
	Climate Control (CC)

PRODUCT RANGE

Standard range

Makrolon® multi UV 3X/16-25 clear 1099
Makrolon® multi UV 3X/16-25 white 1146
Makrolon® multi UV 3X/16-25 white 1140 IQ-Relax

On request

Makrolon® multi UV 3X/16-25 blue 1545
Makrolon® multi UV 3X/16-25 green 1650
Makrolon® multi UV 3X/16-25 bronze 1845
Makrolon® multi UV 3X/16-25 orange 1236
Makrolon® multi UV 3X/16-25 red 1336
Makrolon® multi UV 3X/16-25 violet 1436
Makrolon® multi UV 3X/16-25 blue 1536
Makrolon® multi UV 3X/16-25 CC green 1655
Makrolon® multi UV 3X/16-25 CC grey 1725
Makrolon® multi UV 3X/16-25 CC blue 1555

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 3X/16-25 clear 1099	980 mm	6 000 mm	30
		7 000 mm	25
	1 200 mm	6 000 mm	30
		7 000 mm	25
	2 100 mm	6 000 mm	30
		7 000 mm	25
white 1146	980 mm	6 000 mm	30
		7 000 mm	25
	1 200 mm	6 000 mm	30
		7 000 mm	25
	2 100 mm	6 000 mm	30
		7 000 mm	25
white 1140 IQ-Relax	980 mm	6 000 mm	30
		7 000 mm	25
	1 200	6 000 mm	30
		7 000 mm	25



makrolon®
multi UV

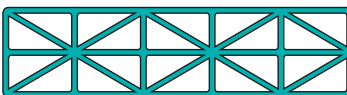
Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

SEMI-STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 3X/16-25 clear 1099	1 220 mm	6 000 mm	30
		7 000 mm	25
white 1146	1 220 mm	6 000 mm	30
		7 000 mm	25

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 3X/16-25 white 1140 IQ-Relax	1 220/ 2 100 mm	on request	on request
blue 1545	1 220/ 2 100 mm	on request	on request
green 1650	1 220/ 2 100 mm	on request	on request
bronze 1845	980/ 1 200/1 220/ 2 100 mm	on request	on request
orange 123	on request	on request	on request
red 1336	on request	on request	on request
violet 1436	on request	on request	on request
blue 1536	on request	on request	on request
CC green 1655	on request	on request	on request
CC grey 1725	on request	on request	on request
CC blue 1555	on request	on request	on request



Thickness 16 mm



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG


makrolon®
 multi UV



MAKROLON® MULTI UV 6/16

Makrolon® multi UV 6/16 is a 6-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 6-wall structure offers excellent thermal insulation, very good cold bending properties and a very high structural stiffness in combination with a low weight.

DESCRIPTION

Makrolon® multi UV 6/16-20

Thickness:	16 mm
Rib distance:	20 mm
Weight:	2,8 kg/m ²
Light transmission:	clear 1099: 59%
	white 1146: 49%
	IQ-Relax: 40%

Special types: IQ-Relax

PRODUCT RANGE

Standard range

Makrolon® multi UV 6/16-20 clear 1099
Makrolon® multi UV 6/16-20 white 1146

Semi-standard range

Makrolon® multi UV 6/16-20 white 1140 IQ-Relax

On request

Makrolon® multi UV 6/16-20 bronze 1845

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 6/16-20 clear 1099	980 mm	6 000 mm	45
		7 000 mm	40
	1 200 mm	6 000 mm	35
		7 000 mm	35
	2 100 mm	6 000 mm	30
		7 000 mm	25
white 1146	980 mm	6 000 mm	45
		7 000 mm	40
	1 200 mm	6 000 mm	35
		7 000 mm	35
	2 100 mm	6 000 mm	30
		7 000 mm	25

SEMI-STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 6/16-20 white 1140 IQ-Relax	1 200 mm	7000 mm	35
	2 100 mm	7000 mm	25

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 6/16-20 bronze 1845	980/ 1 200/ 2 100 mm	on request	on request
	white 1140 IQ-Relax	980 mm	on request



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



MAKROLON® MULTI UV 6/20

Makrolon® multi UV 6/20 is a 6-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The 6-wall structure offers excellent thermal insulation and very good cold bending properties.

DESCRIPTION

Makrolon® multi UV 6/20-20

Thickness:	20 mm
Rib distance:	20 mm
Weight:	3,1 kg/m ²
Light transmission:	clear 1099: 58%
	white 1146: 47%
	IQ-Relax: 37%

PRODUCT RANGE

Standard range

Makrolon® multi UV 6/20-20 clear 1099

On request

Makrolon® multi UV 6/20-20 white 1146

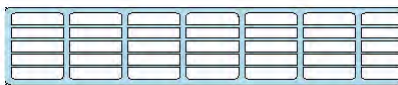
Makrolon® multi UV 6/20-20 white 1140 IQ-Relax

STANDARD RANGE

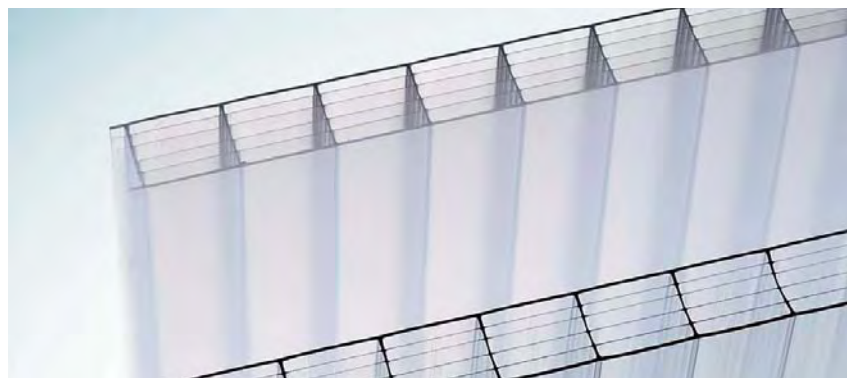
Product		Width	Length	Sheets per pallet
Makrolon multi UV 6/20-20	clear 1099	2 100 mm	6000 mm	25

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 6/20-20	clear 1099	980/ 1 200 mm	on request	on request
	white 1146	980/ 1 200/ 2 100 mm	on request	on request
	white 1140 IQ-Relax	980/ 1 200/ 2 100 mm	on request	on request



Thickness 20 mm



Product liability clause: This information and our technical advise - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG





MAKROLON® MULTI UV 5M/ 25

Makrolon® multi UV 5M/25 is a 5-wall, M-structured multi-wall sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 5M/25-20

Thickness:	25 mm
Rib distance:	20 mm
Weight:	3,4 kg/m ²
Light transmission:	clear 1099: 49%
	white 1146: 40%
	IQ-Relax: 32%
	CC green 1655: 47%
	CC grey 1725: 36%
	bronze 1845 13%

Special types:	IQ-Relax
	Climate Control (CC)

PRODUCT RANGE

Standard range

Makrolon® multi UV 5M/25-20 clear 1099
Makrolon® multi UV 5M/25-20 white 1146

Semi-standard range

Makrolon® multi UV 5M/25-20 clear 1099
--

On request range

Makrolon® multi UV 5M/25-20 bronze 1845
Makrolon® multi UV 5M/25-20 white 1140 IQ-Relax
Makrolon® multi UV 5M/25-20 CC green 1655
Makrolon® multi UV 5M/25-20 CC grey 1725
Makrolon® multi UV 5M/25-20 CC blue 1555

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 5M/25-20 clear 1099	980 mm	6 000 mm	25
		7 000 mm	25
	2 100 mm	6 000 mm	20
		7 000 mm	20
white 1146	980 mm	6 000 mm	25
		7 000 mm	25
	2 100 mm	6 000 mm	20
		7 000 mm	20

SEMI-STANDARD RANGE

Produkt	Width	Length	Sheets per pallet
Makrolon multi UV 5M/25-20 clear 1099	1 200 mm	6 000 mm	25
		7 000 mm	25

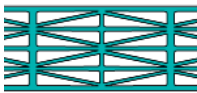


makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

ON REQUEST RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/25-20	clear 1099	1 230 mm	on request	on request
	white 1146	1 200/ 1 230 mm	on request	on request
	white 1140 IQ-Relax	980 / 1 200/ 1 230/ 2 100 mm	on request	on request
	bronze 1845	980/ 1 200/ 1 230/ 2 100 mm	on request	on request
	CC green 1655	on request	on request	on request
	CC grey 1725	on request	on request	on request
	CC blue 1555	on request	on request	on request



Thickness 25 mm



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®
multi UV



MAKROLON® MULTI UV 5M/32

Makrolon® multi UV 5M/32 is a five wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 5M/32-20

Thickness:	32 mm
Rib distance:	20 mm
Weight:	3,7 kg/m ²
Light transmission:	clear 1099: 48%
	white 1146: 38%
	IQ-Relax: 30%
	bronze 1845: 12%

PRODUCT RANGE

Standard range

Makrolon® multi UV 5M/32-20 clear 1099
 Makrolon® multi UV 5M/32-20 white 1146
 Makrolon® multi UV 5M/32-20 white 1140 IQ-Relax

Semi-standard range

Makrolon® multi UV 5M/32-20 bronze 1845

STANDARD RANGE

Product		Width	Length	Sheets per pallet
Makrolon multi UV 5M/32-20	clear 1099	1 230 mm	6 000 mm	20
			7 000 mm	20
		2 100 mm	6 000 mm	15
			7 000 mm	15
	white 1146	1 230 mm	6 000 mm	20
			7 000 mm	20
2 100 mm		6 000 mm	15	
		7 000 mm	15	
white 1140 IQ-Relax	1 230 mm	6 000 mm	20	
		7 000 mm	20	



makrolon®
multi UV

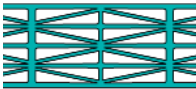
Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

SEMI-STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 5M/32-20 white 1140 IQ-Relax	2 100 mm	6 000 mm	15
		7 000 mm	15

ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 5M/32-20	clear 1099	980/ 1 200 mm	on request
	white 1146	980/ 1 200 mm	on request
white 1140 IQ-Relax	980/ 1 200 mm	on request	on request
bronze 1845	980/ 1 200/ 1 230/ 2100 mm	on request	on request



Thickness 32 mm



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®
multi UV



MAKROLON® MULTI UV 5M/ 40

Makrolon® multi UV 5M/40 is a five wall M-structured sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side. The sheet offers excellent thermal insulation, extreme structural stiffness in combination with an optimised weight and good load bearing properties.

DESCRIPTION

Makrolon® multi UV 5M/40-20

Thickness:	40 mm
Rib distance:	20 mm
Weight:	4,2 kg/m ²
Light transmission:	clear 1099: 47%
	white 1146: 35%
	IQ-Relax: 27%
	bronze 1845: 10%

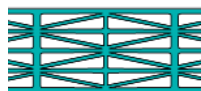
PRODUCT RANGE

Standard range

Makrolon® multi UV 5M/40-20 clear 1099
Makrolon® multi UV 5M/40-20 white 1146
Makrolon® multi UV 5M/40-20 white 1140 IQ-Relax
Makrolon® multi UV 5M/40-20 bronze 1845

STANDARD RANGE

Product	Width	Length	Sheets per pallet
Makrolon multi UV 5M/40-20 clear 1099	980/ 1 200/ 1 230 mm	on request	on request
white 1146	980/ 1 200/ 1 230 mm	on request	on request
white 1140 IQ-Relax	980/ 1 200/ 1 230 mm	on request	on request
bronze 1845	980/ 1 200/ 1 230 mm	on request	on request



Thickness 40 mm



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG

MAKROLON® AMBIENT

Makrolon® Ambient are multi wall sheets made of extruded polycarbonate with UV protection on the outer side and filled with Nanogel®. These sheets offer the highest possible thermal insulation, above all for horizontal applications (roof), and optimum light diffusion "with optimised weight and high light transmission".

DESCRIPTION

Makrolon® Ambient S2N-10

Thickness:	10 mm		
Rib distance:	10,5 mm		
Weight:	2,3 kg/m ²		
Light transmission:	clear 1060:	65%	
	IQ-Relax:	60%	

Makrolon® Ambient S2S-25

Thickness	25 mm		
Rib distance:	25 mm		
Weight:	7,0 kg/m ²		
Light transmission:	clear 1060:	59%	
	IQ-Relax:	30%	

Makrolon® Ambient S3N-16

Thickness	16 mm		
Rib distance:	16 mm		
Weight:	3,8 kg/m ²		
Light transmission:	clear 1060:	63%	

ON REQUEST

Product	Width	Length
Makrolon® Ambient S2N-10 clear 1060	max. 2 100 mm	max. 7 000 mm
S2N-10 IQ-Relax	max. 2 100 mm	max. 7 000 mm
S3N-16 clear 1060	max. 2 100 mm	max. 7 000 mm
S2S-25 clear 1060	max. 1 220 mm	max. 7 000 mm
S2S-25 IQ-Relax	max. 1 220 mm	max. 7 000 mm

Makrolon® Ambient sheets will be delivered only cut to size according to your specification.



Product liability clause: This information and our technical advise - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



makrolon®
Ambient



MAKROLON® MULTI CS UV

Makrolon® multi CS UV is a multi-wall corrugated sheet, extruded with Makrolon® polycarbonate resin and a superior UV-protection on the external side, especially suitable for roofing applications for industrial, social and private building.

DESCRIPTION

Makrolon® multi CS UV sinus 177-51

Thickness: 6 mm
 Profile: sinus, 177 mm breit,
 51 mm hoch
 Weight: 2,0 kg/m²
 Light transmission: clear 1099: 72%

PRODUCT RANGE

On request

Makrolon® multi CS UV sinus 177-51 clear 1099
 Makrolon® multi CS UV sinus 177-51 white 1146
 Makrolon® multi CS UV sinus 177-51 brick red 1301
 Makrolon® multi CS UV sinus 177-51 grey 1701

ON REQUEST RANGE

Product	available widths	Length	Sheets per pallet
Makrolon multi CS UV sinus 177-51 clear 1099	920 mm	on request	on request
white 1146	920/ 1097 mm	on request	on request
brick red 1301	920/ 1097 mm	on request	on request
grey 1701	920/ 1097 mm	on request	on request



makrolon®
multi UV

Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Makrolon® is a registered trademark of Bayer AG





VIVAK®

Vivak® is a mono-layer copolyester sheet, which offers nice transparency, high impact resistance, good fire behaviour and excellent thermoforming properties.

Vivak® UV has improved UV-protection on both sides.

DESCRIPTION

VIVAK®			VIVAK® UV		
Density:	1,27 g/cm ³		Density:	1,27 g/cm ³	
Light transmission: (at 3 mm)	clear 099:	88%	Light transmission: (at 3 mm)	clear 2099:	88%
	bronze 850:	60%		white 2130:	30%
	fluo green 680:	80%		grey 2760:	35%
	fluo red 330:	28%			(at 5 mm)
	fluo orange:	52%		bronze 2850:	45%
					(at 5 mm)

STANDARD & SEMI-STANDARD RANGE*

Product	Size	Unit	0,5	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Vivak clear 099	2 050 x 1 250 mm	bulk	500	400	300	200	150	100	75	60	50	40	30	°	°
		carton	80	50	40	30	20	15	10	8	°	°	°	°	°
	3 050 x 2 050 mm	bulk			120	80	60	40	30	24	20	15	12	10*	8*
		carton			40	30	20	15	10	8	6	°	°	°	°
Vivak UV clear 2099	3 050 x 2 050 mm	bulk					60	40	30	24	°	°	°	°	
		carton					°	°	°	°	°	°	°	°	
Vivak UV white 2130	3 050 x 2 050 mm	bulk					°	40	30	°	°	°	°	°	
		carton					°	°	°	°	°	°	°	°	

* For these items the minimum order quantity RTS / CTS is required!

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Vivak bronze 850	1250, 2050 mm	0.75 - 12 mm
Vivak fluo green 680	1250, 2050 mm	0.75 - 12 mm
Vivak fluo red 330	1250, 2050 mm	0.75 - 12 mm
Vivak fluo orange 250	1250, 2050 mm	0.75 - 12 mm
Vivak UV clear 2099	1250 mm	0.75 - 12 mm
Vivak UV grey 2760	1250, 2050 mm	0.75 - 12 mm
Vivak UV bronze 2850	1250, 2050 mm	0.75 - 12 mm

*LEGEND

30	standard
30	semi-standard
°	on request



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Vivak® is a registered trademark of Bayer AG



VIVAK® DESIGN

Vivak® Design are frosted solid sheets made of thermoplastic copolyester. They offer high impact strength, a good fire rating and are fully recyclable.

DESCRIPTION

VIVAK® Design

Density: 1,27 g/cm²

Light transmission: clear 099: 75%

(at 3 mm) white 145: 45%

ON REQUEST RANGE

Product	Size	Unit	0,5	0,75	1	1,5	2	3	4	5	6	8	10	12	15
Vivak Design clear 099	2 050 x 1 250 mm	carton					°	°	°	°					
Vivak Design white 145	2 050 x 1 250 mm	carton					°	°	°	°					

*LEGEND

30	standard
30	semi-standard
°	on request



Product liability clause: This information and our technical advise - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Vivak® is a registered trademark of Bayer AG



AXPET®

Axpet® is a mono-layer polyester sheet, which offers nice transparency, good impact resistance and excellent fire behaviour. Axpet® UV has improved UV-protection on one side.

DESCRIPTION

AXPET®			AXPET® UV		
Density:	1,33 g/cm ³		Density:	1,33 g/cm ³	
Light transmission: (at 3 mm)	clear 099:	87%	Light transmission: (at 3 mm)	clear 2099:	87%
	white 130:	28%			
	white 100:	<1%			
Special grades:	NR: non-reflective				

STANDARD & SEMI-STANDARD PROGRAMM*

Product	Size	Unit	0,8	1	1,5	2	3	4	5	6
Axpet clear 099	2 050 x 1 250 mm	bulk	375	300	200	150	100	75	°	°
		carton	50	40	30	20	15	10	°	°
	3 050 x 2 050 mm	bulk	150	120	80	60	40	30	24	°
		carton	50	40	30	20	15	10	8	°
Axpet NR clear 099	2 050 x 1 250 mm	bulk	375	300	200	150				
		carton	50	40	30	20				
	3 050 x 2 050 mm	bulk		120						
		carton		°	°	°				
Axpet white 130	2 050 x 1 250 mm	bulk		300	200	150	°	°		
		carton		°	°	°	°	°		
	3 050 x 2 050 mm	bulk		120	80	60	°	°		
		carton		°	°	°	°	°		
Axpet white 100	3 050 x 2 050 mm	bulk		°						
	2 050 x 1 250 mm	carton		°	°	20	°			

ON REQUEST RANGE

Product	Available widths	Available thicknesses
Axpet UV clear 2099	1250, 2050 mm	2 - 6 mm

*LEGEND

30	standard
30	semi-standard
°	on request



Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Axpet® is a registered trademark of Bayer AG



Product liability clause: This information and our technical advise - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify the information currently provided - especially that contained in our safety data and technical information sheets - and to test products as to their suitability for the intended processes and uses. The application, use and processing of our products and the products manufactured by you on the basis of our technical advice are beyond our control and, therefore, entirely your own responsibility. Our products are sold in accordance with the current version of our General Conditions of Sale and Delivery. Axpel® is a registered trademark of Bayer AG

