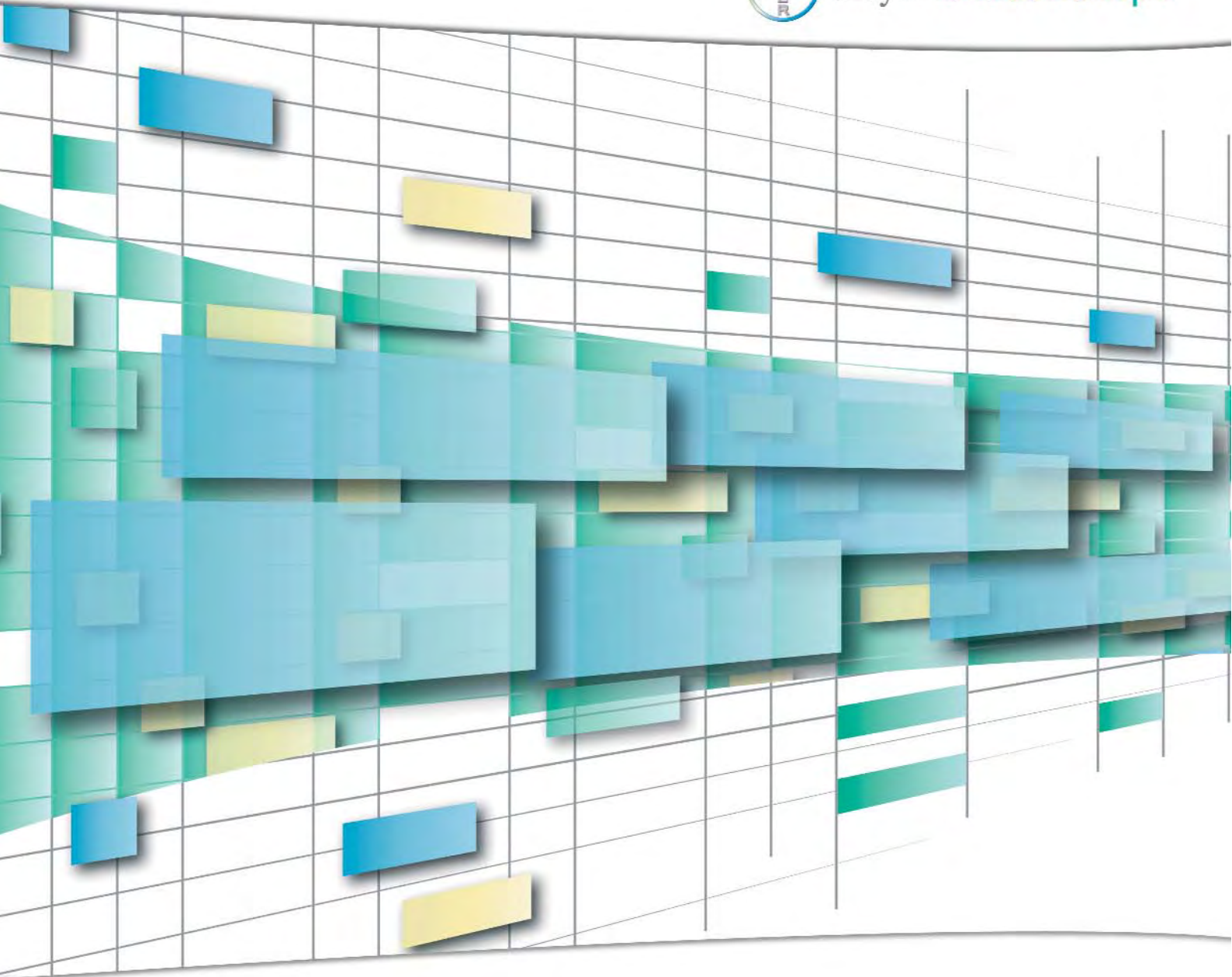




Bayer Sheet Europe



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®



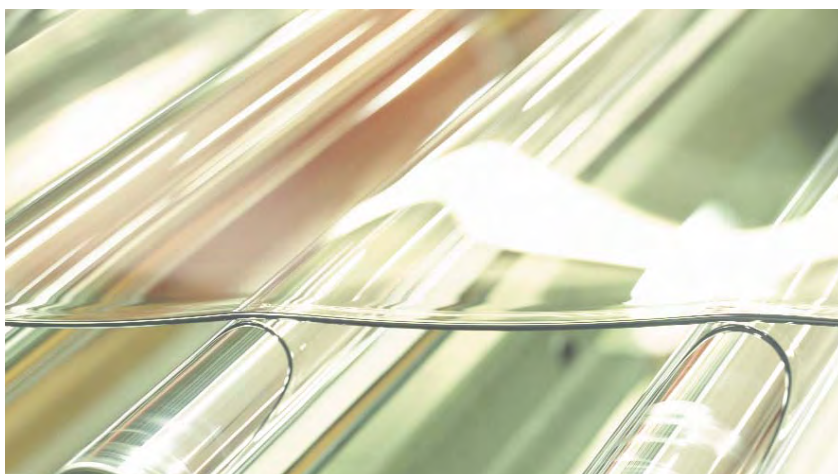
EXAMPLE: MAKROLON® UV BRONZE 2850

Makrolon®	UV	bronze	2850
Brandname	Properties	Colour group	Definition (4 digits)
Makrolon® Vivak® Axpel®	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 &amp; 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 &amp; 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® 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 <sup>2</sup>		
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 <sup>2</sup>		
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 <sup>2</sup>
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 <sup>2</sup>		
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
<b>Makrolon multi UV 2/10-10.5 clear 1099</b>	2 100 mm	6 000 mm	50
		7 000 mm	45
<b>white 1146</b>	2 100 mm	6 000 mm	50
		7 000 mm	45
<b>bronze 1845</b>	2 100 mm	6 000 mm	50
		7 000 mm	45

### SEMI-STANDARD RANGE

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

### ON REQUEST RANGE

Product	Width	Length	Sheets per pallet
<b>Makrolon multi UV 2/10-10.5 white 1140 IQ-Relax</b>	2 100 mm	on request	on request
<b>clear 4099 no drop</b>	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 <sup>2</sup>	
Light transmission:	clear 1099:	69%

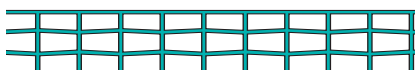
## PRODUCT RANGE

## 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

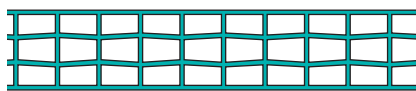
**Makrolon® multi UV 4/8-6**  
 Thickness: 8 mm  
 Rib distance: 6 mm  
 Weight: 1,6 kg/m<sup>2</sup>  
 Light transmission: clear 1099: 68%

### 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
<b>Makrolon multi UV 4/8-6</b>	<b>clear 1099</b>	1 250 mm	on request	on request
		2 100 mm	on request	on request
	<b>white 1146</b>	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 <sup>2</sup>
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

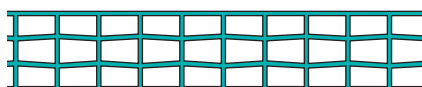
Product	Width	Length	Sheets per pallet
Makrolon multi UV 4/10-6 clear 1099	2 100 mm	6 000 mm	50
		7 000 mm	45
white 1146	2 100 mm	6 000 mm	50
		7 000 mm	45

### 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
white 1146	1 250 mm	on request	on request
white 1140 IQ-Relax	1 250 mm	on request	on request
bronze 1845	2 100 mm	on request	on request
blue 1545	2 100 mm	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 <sup>2</sup>		
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
<b>Makrolon multi UV 3/16-16</b> 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 <sup>2</sup>
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

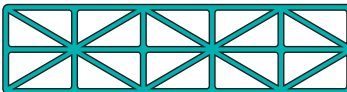
Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify 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
<b>Makrolon multi UV 3X/16-25</b> 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
<b>Makrolon multi UV 3X/16-25</b> 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 <sup>2</sup>
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 <sup>2</sup>
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

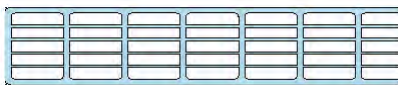
Makrolon® multi UV 6/20-20 white 1140 IQ-Relax

## STANDARD RANGE

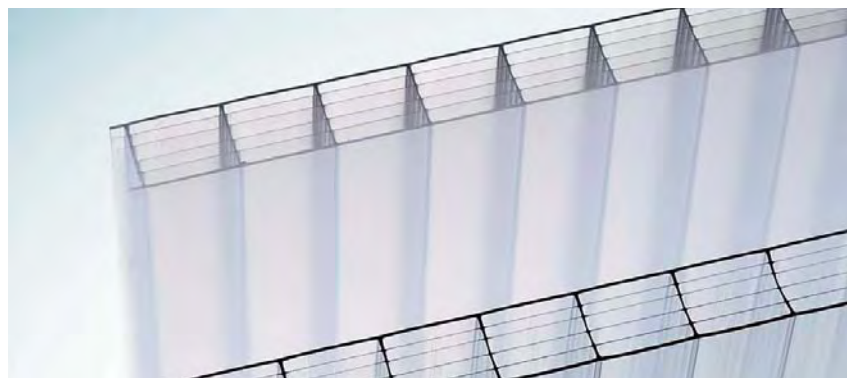
Product	Width	Length	Sheets per pallet
Makrolon multi UV 6/20-20 clear 1099	2 100 mm	6000 mm	25

## 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



## 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 <sup>2</sup>		
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

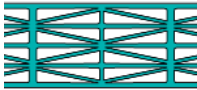


**makrolon®**  
multi UV

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
<b>Makrolon multi UV 5M/25-20</b>	<b>clear 1099</b>	1 230 mm	on request	on request
	<b>white 1146</b>	1 200/ 1 230 mm	on request	on request
	<b>white 1140 IQ-Relax</b>	980 / 1 200/ 1 230/ 2 100 mm	on request	on request
	<b>bronze 1845</b>	980/ 1 200/ 1 230/ 2 100 mm	on request	on request
	<b>CC green 1655</b>	on request	on request	on request
	<b>CC grey 1725</b>	on request	on request	on request
	<b>CC blue 1555</b>	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

<b>Makrolon® multi UV 5M/32-20</b>			
Thickness:	32 mm		
Rib distance:	20 mm		
Weight:	3,7 kg/m <sup>2</sup>		
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
<b>Makrolon multi UV 5M/32-20</b>	<b>clear 1099</b>	1 230 mm	6 000 mm	20
			7 000 mm	20
		2 100 mm	6 000 mm	15
			7 000 mm	15
	<b>white 1146</b>	1 230 mm	6 000 mm	20
			7 000 mm	20
2 100 mm		6 000 mm	15	
		7 000 mm	15	
<b>white 1140 IQ-Relax</b>	1 230 mm	6 000 mm	20	
		7 000 mm	20	



**makrolon®**  
multi UV

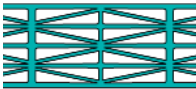
Product liability clause: This information and our technical advice - whether verbal, in writing or by way of trials - are given in good faith but without warranty, and this also applies where proprietary rights of third parties are involved. Our advice does not release you from the obligation to verify 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
<b>Makrolon multi UV 5M/32-20 white 1140 IQ-Relax</b>	2 100 mm	6 000 mm	15
		7 000 mm	15

**ON REQUEST RANGE**

Product	Width	Length	Sheets per pallet
<b>Makrolon multi UV 5M/32-20</b>	980/ 1 200 mm	clear 1099	on request
		white 1146	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 <sup>2</sup>
Light transmission:	clear 1099: 47%
	white 1146: 35%
	IQ-Relax: 27%
	bronze 1845: 10%

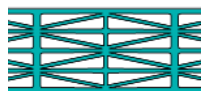
### PRODUCT RANGE

#### 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
<b>Makrolon multi UV 5M/40-20</b> 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 <sup>2</sup>		
Light transmission:	clear 1060:	65%	
	IQ-Relax:	60%	

#### Makrolon® Ambient S2S-25

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

#### Makrolon® Ambient S3N-16

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

### ON REQUEST

Product	Width	Length
<b>Makrolon® Ambient S2N-10 clear 1060</b>	max. 2 100 mm	max. 7 000 mm
<b>S2N-10 IQ-Relax</b>	max. 2 100 mm	max. 7 000 mm
<b>S3N-16 clear 1060</b>	max. 2 100 mm	max. 7 000 mm
<b>S2S-25 clear 1060</b>	max. 1 220 mm	max. 7 000 mm
<b>S2S-25 IQ-Relax</b>	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 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® 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/m<sup>2</sup>  
 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
<b>Makrolon multi CS UV sinus 177-51 clear 1099</b>	920 mm	on request	on request
<b>white 1146</b>	920/ 1097 mm	on request	on request
<b>brick red 1301</b>	920/ 1097 mm	on request	on request
<b>grey 1701</b>	920/ 1097 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

