



Factsheet

Factsheet

Project: inForm

Client: German Embassy in Beijing

Location: Beijing, China

Market segment: Art and Design

Product: Makrolon® blue and Makrolon® white

Artist: Li Jiwei

Bayer Sheet Europe GmbH
Otto-Hesse-Straße 19/T9
64293 Darmstadt
Germany
Tel. +4961511303-0
Fax +4961511303-500
www.bayersheeteurope.com
sales@bayersheeteurope.com





“inForm”[®]: A sports shirt made of Makrolon[®]

There were several surprise winners at the Olympic Games 2008 in Beijing. One winner, however, was clear even before the games started: Makrolon[®] solid sheet from Bayer Sheet Europe. This important international sports event has inspired more than just the athletes from around the world to give their best, and the organizers to provide top-of-the line sports venues. The German Embassy in Beijing was also paying homage to this prestigious mega event by presenting the art installation “inForm”. At 53 meters wide, 13 meters high and weighing 20 tons, this impressive work by the Chinese artist Li Jiwei is an exceptional work about sports. A total of 1,390 square meters of the high-tech plastic Makrolon[®] were used in the installation.

Makrolon[®] can even be thermoformed to a sports shirt

The unusual art work “inForm” consists of two large objects: a giant sports shirt covering the entire embassy building, and stylized stands. The sports shirt represents the hope for successful and fair competitions among the athletes, while the stands with their distinctive rows of seats symbolize the spectators’ cheering on the athletes to achieve top performance.

For the giant blue and white sports shirt, roughly 806 polycarbonate sheets were heated to over 100 degrees Celsius in a special oven. Then the artist shaped the sheets by hand before they were installed. That Li Jiwei selected Makrolon[®] is not a coincidence – he describes himself and his art with the Chinese adjectives “tòumíng” and “bāoróng”, which means both transparent and tolerant, generous, encompassing and integrating.

Makrolon[®] solid sheets also offer significant processing advantages because they can be formed both thermally or by cold-bending. “Its thermal formability makes Makrolon[®] truly an excellent material for artistic designs,” says Li Jiwei. It was indeed his intention to use Makrolon[®] in a very different form than in standardized industrial production.

A game of statics and dynamics, perfect in form

With its low weight Makrolon[®] is ideal for large surfaces, as the high impact and break resistance of the material guarantees high safety. Also, for an object of this size the architectural demands are important. The form must not only be visually attractive but it must also fit together from the point of view of structural engineering. It was also crucial that the material allowed additional work in order to secure the entire installation. Makrolon[®] fulfilled all the requirements.



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