

**CHEMCAST**<sup>®</sup>  
The all purpose cell-cast acrylic sheet



**CHEMCAST**



**ecogreen**<sup>®</sup>  
100% RECYCLED ACRYLIC SHEET

**SUSTAINABLE ENVIRONMENTAL  
PROGRAM**





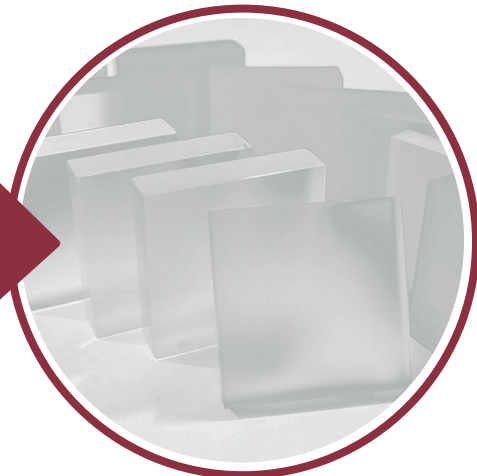
# CHEMCAST<sup>®</sup>

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Plastiglas de México S.A de C.V. was founded in 1959 as a manufacturer of cell cast acrylic sheets. In 2006, it was acquired by Unigel Group, one of the most important petrochemical groups in Latin America.

Plastiglas de México S.A de C.V., has two plants in Mexico where a wide range of products are manufactured: General Purpose, Sanitary grade, Impact modified, Bullet resistant, NSF grade, Acrylic solid surface among others and now our new Chemcast<sup>®</sup> EcoGreen a 100% recycled and recyclable sheet.







Chemcast® EcoGreen, is the trademark for our environmentally friendly cell cast acrylic sheet produced 100% with recycled monomer methyl methacrylate (R-MMA).

Nowadays our responsibility with the planet is to create a sustainable future which is a major goal for all us and for all the members in our green supply chain.

Our process technology and innovative team provides the market with an effective, high-tech reversible process for the recovery of recycled monomer methyl methacrylate (R-MMA) from pre and post-consumer acrylic waste adding value to the supply chain.

Chemcast® EcoGreen production starts by collecting the acrylic scraps generated internally, from our domestic fabricators and customers or from post-consumer waste. The recycled monomer methyl methacrylate is obtained by a de-polymerization process that recovers liquid monomer from PMMA.





- Reduction of thousands of metric tons of solid acrylic waste which is not biodegradable and without a reversible EcoGreen process these wastes go to landfill or incineration.
- Reduction in the usage of raw synthetic monomer methyl methacrylate.
- Re-use of products at the end of their lifetime.
- Re-design of new added value ecological products.
- Creation of trends and awareness of care and respect for the environment.

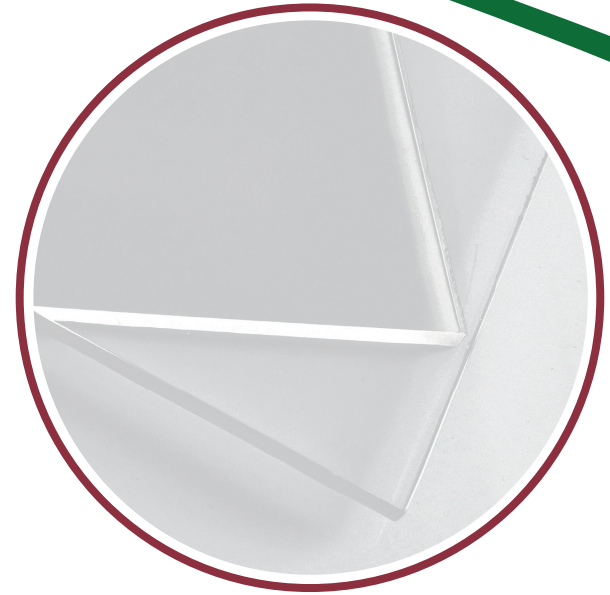
- Chemcast® EcoGreen is made from 100% recycled materials and can be reversible over and over again.
- Chemcast® EcoGreen cell cast sheets are premium quality and high-end performance completely manufactured in México.
- Chemcast® EcoGreen sheets have the same mechanical and physical properties as cast acrylic sheets produced with synthetic monomer methyl methacrylate.
- Chemcast® EcoGreen is free of VOC's and HFC.
- Chemcast® EcoGreen manufacturing process uses less water and generates less CO2 than cast acrylic sheets produced with synthetic monomer which significantly reduces the carbon footprint.





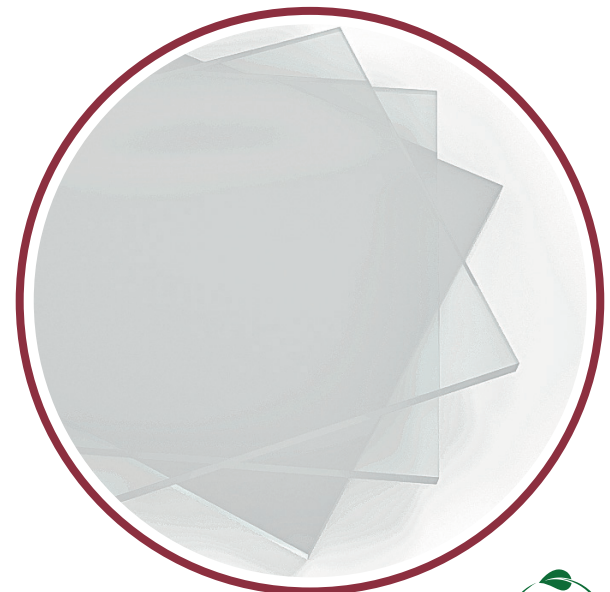
## Fabrication.

- Chemcast® EcoGreen looks, performs, fabricates, and lasts as long as standard virgin synthetic acrylics. Normally, all kinds of machining, such as CNC router and laser cutting, hot bending, solvent and polymerizable bonding, thermoforming, polishing, and digital flatbed printing can be done without any problem.



## Advantages.

- It is one of the few brands worldwide made 100% from recycled cast acrylic sheet.
- The first one certificated with an EPD (Environmental Product Declaration) in Latin America.
- High performance in any machining process.
- Applications made with Chemcast® EcoGreen contribute to green architectural projects.





**Chemcast® EcoGreen,  
Goes further to save the planet!,  
Goes further to sustainability!**

