EXCEPTIONAL MATERIAL

PMMA is a thermoplastic polymer. In other words, it is a material that can indefinitely take a large number of shapes when heated. It is easy to form and very simple to use. Like wood, it can be cut with a saw or laser, then sculpted, glued, screwed, milled, painted, printed or even silkscreened, making it suitable for industrial window manufacturing processes for recreational vehicles such as motorhomes.

CONDITIONS FULFILLED TO MEET EVEN THE MOST DRACONIAN STANDARDS

PMMA's optical properties are superior to those of glass. For instance, its transparency is reminiscent of that of crystal. However, that is definitely not its only strength. It is 2.5 times lighter than glass, and its resistance to wear over time, such as that caused by UV rays, and its impact resistance make it the ideal material for many means of transport.

Another strength is that PMMA almost fully preserves its characteristics through 10 years of outdoor exposure.

THE CIRCULAR ECONOMY, LITERALLY

PMMA can be recycled forever: It can be broken down using a chemical process called 'cracking', to obtain methyl methacrylate, the base monomer. This monomer can then be used to make new sheet. Altuglas International has distributor partners around the world who make it possible to provide even easier access to products in the standard Altuglas® range.

A REMARKABLE POLYMER

It offers exceptional optical properties and transparency, for light transmittance superior to that of glass.

- UV-resistant
- Refractive index of 1.49
- Matte gloss or smooth finish to enhance the tactile feel
- Excellent resistance to atmospheric factors and impacts
- Density of 1.19 (2.5 times lower than glass)

THE TECHNICAL SKILLS AND EXPERIENCE TO MAKE TECHNOLOGICAL ADVANCES

Thanks to our many years of experience, Altuglas International provides unrivalled expertise in PMMA and acrylic glass technology around the world. PMMA combines aesthetically pleasing and optical features with a long service life.

Our marketing and development teams join forces with market and technical leaders to remain at the industry's cutting edge.

Our three development priorities are:

- Innovating and improving the properties of our sheet and resin.
- Focusing on our customers to better understand their needs and quickly provide the right solutions.
- Making progress in the lighting, automotive & transport, building & construction, consumer goods, and design sectors, among others.

WELCOME TO THE WORLD OF ALTUGLAS INTERNATIONAL, A SUBSIDIARY OF ARKEMA GROUP /

A world leader in PMMA technology, Altuglas International is highly involved in the technical plastic sector, ranging from MAM monomers to PMMA acrylic glass. Altuglas International designs and manufactures innovative products tailored to our global customers' needs. Our strongly committed employees contribute to our three business areas daily (MAM, PMMA resin and sheet). Our four brands have become benchmarks: Altuglas®, Plexiglas® (Americas region), Oroglas® and Solarkote®.

www.altuglas.com

Many leading companies around the world ask Altuglas International to help design and plan their creations.

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AUTOMOTIVE AND TRANSPORTATION