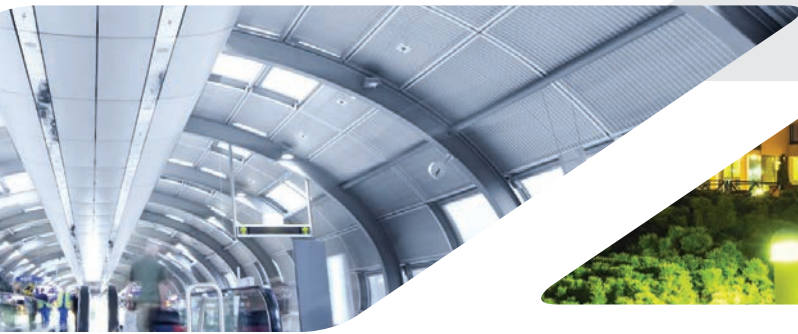


ALTUGLAS[®]
BY ARKEMA

ALTUGLAS[®] PMMA RESINS /

**Creative & Innovative
Solution Provider**





LIGHTING /

Altuglas® acrylic resins have played a vital role in the development of creative and durable solutions in lighting applications.

- Anticipating and following the constant evolution of light sources our teams have developed and launched a dedicated portfolio of LED Lighting materials, from optically clear resins to highly diffuse and reflective resins.
- Altuglas® resins innovative solutions provide luminaires designers a unique set of properties they have dreamed of:
 - better diffusion of intense light source spots without sacrificing significant light transmission,
 - maximum reflectivity without subsequent coating,
 - elevated thermal resistance.



BUILDING & CONSTRUCTION /

As market leader, Altuglas® offers multiple combination of properties to make your final product unique.

- Altuglas® resins offer a broad range of surface aspect or effects : from glossy to matte and smooth matte.
- Altuglas® resins for extrusion offer an improved UV resistance added to high impact resistance.
- Altuglas® resins are the material of choice as a protective & decorative layer over a wide range of substrates (ABS, PVC,...).
- Altuglas® resins offer a range of properties including high chemical resistance specifically developed and designed to fit customer needs in challenging applications.

ALTUGLAS INTERNATIONAL

For more than 70 years, the acrylic resins developed and produced by Altuglas International have been providing creative and innovative solutions to customers' requirements. From standard grades to high end and technical materials, Altuglas International always innovates to meet market needs and trends. As an integrated PMMA player, Altuglas International manufactures its polymers in Rho (MI, ITALY). The plant has implemented and maintains an environmental management system in accordance with UNI EN ISO: 9001: 2008, UNI EN ISO: 14001: 2004 and OSHAS: 18001: 2007, as well as with the stringent automotive ISO/TS 16949: 2009.

- Altuglas® product range allows design flexibility, premium aesthetics and extremely long service life for manufacturing high added value parts through both injection and extrusion processes.
- Altuglas International produces, sells and imports its products, in compliance with REACH obligations.
- Altuglas® acrylic resins are broadly used in numerous markets such as Automotive & Transportation, Lighting, Building & Construction, Consumer Goods & Design, Medical...
- Altuglas® acrylic resins are formulated without phthalates or Bisphenol A. Regulatory certificates are available upon request.



AUTOMOTIVE & TRANSPORTATION /

As a major player and partner with key OEMs around the world, Altuglas International offers a full range of solutions to help designers and engineers to create parts meeting new technical requirements.

- Altuglas® broad range of light management grades (crystal clear, diffusing or reflecting material & other special effects) offers a unique set of properties (including high heat resistance) to meet new technical requirement for challenging applications such as: thick optical lenses, long light guides, Interior lighting components...
- For trims application, Altuglas International offers an ideal combination with glossy black grades, combining outstanding aesthetic, scratch & UV resistance.
- Supporting technologies improvements, Altuglas international offers innovative solutions for laser welding.
- Altuglas® acrylic resins portfolio offers also solution for number plates, cluster lenses and standard PMMA applications on this market.



HOME & HOUSEHOLD APPLIANCES /

Among a large choice of thermoplastics, Altuglas® acrylic resins have been developed to reach the strongest and most challenging requirement on this market.

- To answer the customer needs our technical team has developed specialty grades with highly improved properties such as chemical, scratch, or impact and thermal resistance still keeping the outstanding aesthetic of the PMMA.
- In partnership with key players of the market and selected converters, Altuglas teams continuously improve and develop its portfolio of resin products.

CONSUMER GOODS & DESIGN /

Promoting the outstanding aesthetics performances of the PMMA, Altuglas International proposes a complete range giving designers freedom to create. The optimized properties allow our customer a design flexibility combined with the natural properties of PMMA.

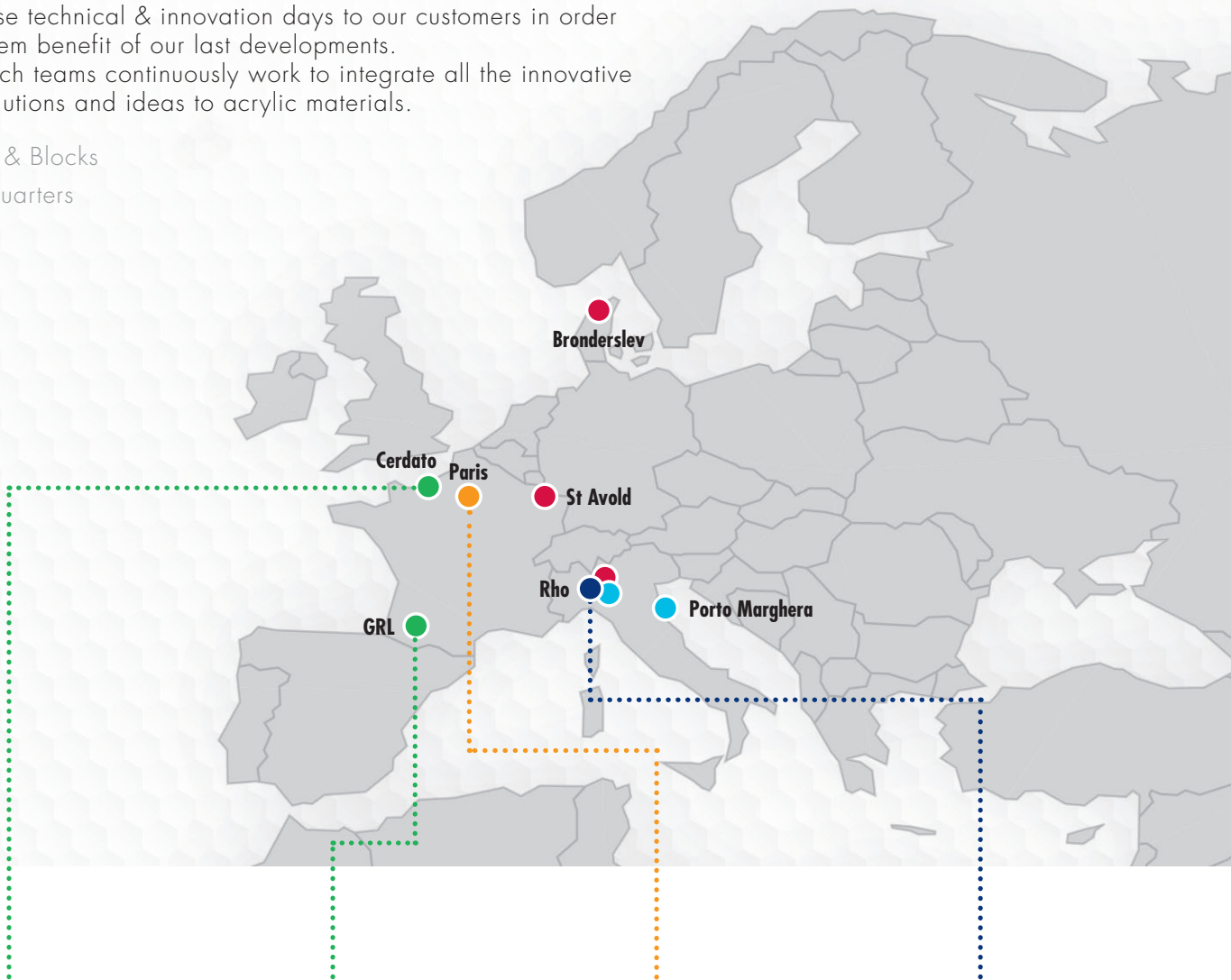
- For high end outdoor applications, Altuglas International proposes a portfolio of high UV & mechanical resistant grades offering new opportunities to designers for sports' applications.
- Gloss and beauty of Altuglas® acrylic resins makes Altuglas International the best partner for the cosmetic and furniture industry.



Altuglas International as an acrylic PMMA resins solution provider develops its solutions thanks to skilled and experienced teams.

Sales, logistics and customer service teams work closely to ensure reliable deliveries.
We propose technical & innovation days to our customers in order to make them benefit of our last developments.
Our research teams continuously work to integrate all the innovative Arkema solutions and ideas to acrylic materials.

- Sheets & Blocks
- Headquarters
- MMA
- R&D
- Resins



**R&D center
Cerdato - Serquigny (France)**



**R&D center
GRL, Lacq (France)**



**Altuglas International
Headquarters
La Garenne-Colombes
(France)**



**Altuglas® resins production
site - Rho (Italy)**

© Andrea Carnovali



- Sheets & Blocks
- Headquarters
- MMA
- R&D
- Resins

Welcome to the world of Altuglas International, subsidiary of Arkema group

Altuglas International, a global integrated leader in PMMA is heavily involved in the technical plastic sector – from MMA monomer to PMMA acrylic glass – creating and manufacturing innovative products to suit customers' needs worldwide. Its 1,300 highly committed staff make their contribution daily in our three businesses (MMA, sheet and PMMA resins). Its four great brand names are references: Altuglas®, Plexiglas® (Americas), Oroglas®, Solarkote®.

www.altuglas.com

for further information please take contact with us. Please consult Arkema's disclaimer regarding the use of Arkema's products on <http://www.arkema.com/en/products/product-safety/disclaimer/index.html>

ALTUGLAS
INTERNATIONAL
ARKEMA GROUP