

**PLEXIGLAS®**  
BY ARKEMA

## Plexiglas® Clear-Edge Frosted

ACRYLIC SHEET

### **Bring a designer edge to retail sales.**

Designed in response to the growing demand for matte finish looks, Plexiglas® Clear-Edge Frosted acrylic sheet consists of a middle (transparent) layer sandwiched between thin top and bottom frosted surface layers. Attractive and sleek, the sheet is available in a one- or two-sided frosted surface with a transparent colorless or colored edge to buff or bevel.

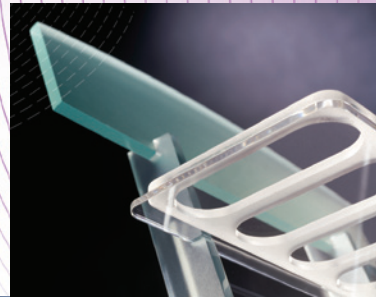
The frosted layers maintain all of the attributes associated with our Plexiglas® Frosted acrylic sheet.

- Effectively diffuses light
- Hides fingerprints and scratches
- Requires less cleaning and maintenance
- Easily thermoformable
- Easy to cut, drill, rout, finish and cement
- Patented technology – this product is within the scope of one or more claims of US patent 7,067,188

# Plexiglas® Clear-Edge Frosted

## ACRYLIC SHEET

Plexiglas® Clear-Edge Frosted acrylic sheet is an excellent choice for designers looking to create attractive lighting, shelving, tabletop, backdrop and point-of-purchase displays. Outstanding for retail and merchandising environments, the sheet is available in clear, colors and pastels.



PROPERTIES	TEST METHOD	UNIT	VALUE
<b>Physical</b>			
Nominal Thickness for data unless otherwise noted		in	0.236"
Specific Gravity	ASTM D-792	---	1.18
Rockwell Hardness	ASTM D-785	M scale	95
<b>Optical</b>			
Refractive Index (ND @ 73°F)	ASTM D-542	---	1.49
Luminous Transmittance <sup>1</sup>	ASTM D-1003	%	85
<b>Mechanical</b>			
Tensile Strength, maximum	ASTM D-638	psi	10,200
Tensile Elongation	ASTM D-638	%	4.5
Tensile Modulus of Elasticity	ASTM D-638	psi	450,000
Flexural Strength, maximum	ASTM D-790	psi	15,000
Flexural Modulus of Elasticity	ASTM D-790	psi	450,000
Notched Izod impact @ 73°F (23°C)	ASTM D-256	ft-lb / in	0.3
<b>Thermal</b>			
Maximum Recommended Continuous Service Temperature	N/A	°F	170 – 190
Recommended Thermoforming Temperature	N/A	°F	275 – 350
<b>Flammability<sup>2</sup> &amp; Specification Compliance</b>			
Self Ignition Temperature	ASTM D-1929	°F	850
Standard Specification for PMMA Acrylic Plastic Sheet	ASTM D-4802	---	Category B-1, Finish 2

Data given are average values and should not be used for specification purposes.

1. This property will change with thickness. The value given is for the thickness indicated in the column heading unless otherwise noted.
2. Flammability tests are small scale tests and may not be indicative of how materials will perform in an actual situation.

THICKNESS
0.118"
0.177"
0.236"
0.354"
0.472"

SHEET SIZE*
48" x 96"

All thicknesses available in all sheet sizes.  
\*Custom sizes are available with minimum requirements.

### COLOR OFFERING\*

COLORLESS	
GREEN	3030
BLUE	3120

\*Standard colors require 1 pallet minimum. Other custom colors are available upon request. Pricing based on total amount of pounds requested.

**Altuglas International**  
Arkema Inc.  
100 PA Rt. 413  
Bristol, PA 19007  
TEL 800.523.7500  
FAX 215.826.2698  
[www.altuglasint.com](http://www.altuglasint.com)  
[www.plexiglas.com](http://www.plexiglas.com)

Plexiglas® acrylic plastic is a combustible thermoplastic. Observe fire precautions appropriate for comparable forms of wood and paper. For building uses, check code approvals. Impact resistance is a factor of thickness. Avoid exposure to heat or aromatic solvents. Clean with soap and water. Avoid abrasives.

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