



ACRYLGLAS



ISO - 9002 NO E187165

LÁMINAS ACRÍLICAS PREMIUN

TAMAÑOS DISPONIBLES

ESPEORES	4' x 6' 122 x 183cm	4' x 6' 130 x 190cm	4' x 8' 122 x 244cm	5' x 8' 155 x 252cm	6' x 8' 183 x 244cm	7' x 10' 200 x 300cm
1.5mm	●					
2.0mm		●	●			
2.5mm		●	●	●		
3.0mm		●	●	●	●	●
4.0mm		●	●	●	●	●
5.0mm		●	●	●	●	●
6.0mm		●	●	●	●	●
8.0mm	●		●		●	●
10mm	●		●		●	●
12mm	●		●		●	●
18mm	●		●		●	●
24mm	●		●		●	●
30mm			●			
38mm			●			
50mm			●			
60mm			●			

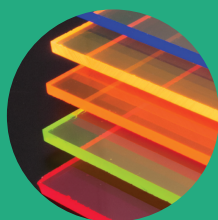
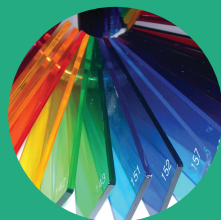
SÓLIDOS

TRASLÚCIDOS

FOSFORESCENTES

SATINADOS

ESPEJOS



PANAPLAST S.A.

La Uruca, diagonal a Facó.

Tel: 4000-1413 / Correo: info@panaplast.net

POLICENTER S.A.

Barreal de Heredia, frente a CENADA

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General Acrylic Sheet Certification Document

1. PRODUCT:

General Acrylic Panel Sheets

2. MATERIAL:

General Acrylic Panel sheets are manufactured completely with 100% Polymethyl Methacrylate material.

3. CHEMICAL CHARACTERISTICS:

RESISTANT PROPERTIES TO CHEMICAL AGENTS

• Sulfuric Acid	60 °C	Stability to 60%
• Hydrochloric Acid	60 °C	Stability to 30%
• Nitric Acid	60 °C	Stability to 20%
• Caustic Soda	60 °C	Stability to 50%
• Aqueous Ammonia	60 °C	Stability to 18%
• Acetic Acid		Dissolvable change to dark color
• Chlorine Water		easily colorate
• Iodine Tincture		

4. RESISTANT PROPERTIES:

RESISTANT PROPERTIES TO THE SOLVENTS

Corrosion resistant at room temperature:

ne, octane, formaldehyde 40%,methanol, ethanol, glycol, petroleum(contained a little aromatic groups)

Expansion or track at room temperature:

Butanol,Isopropano, Carbon dissolution may occur chioroform, benzene, toluene,xylene,acetylene dichloride, acetone, ethyl acetate.

5. PHYSICAL CHARACTERISTICS

• Specific Gravity	1.19
• Hardness	M-100
• Absorptivity of Water (24hr)	0.3%
• Tension Coefficient of rupture	700kg/cm ²
• Tension Coefficient of elasticity	28,000 kg/cms
• Bending Coefficient of rupture	1.5kg/cm ²
• Bending Coefficient of elasticity	28,000 kg/cms
• Insulating Strength	20v/mm

6. HEAT

• Deflection Temperature under load, 264psi	95°C ASTM D648
• Forming Ranges	Aprox 140-180° C
• Ultimate temperature of continuous operation	80°C
• Internal Shrinkage	2.0-3.0%
• Softening Point	112°C (223°F) ASTM D1525
• Coefficient of Linear Thermal expansion (18°C °C-38Ave)	0.000054cm/cm/C ASTM D696
• Coefficient of Thermal Conductivity	0.000064in/in/C
• Flammability Burning Rate (0.125" thickness)	25mm/min ASTM D623
• Self-ignition Temperature	443 °C ASTM D1929
• Specific Heat @77°F	0.35 (BTU/ib°F
• Smoke Density Rating	(1470j/kgk)5-10% ASTM D2843