

**MATERIAL SAFETY DATA FOR
Acrylic**

1. PRODUCT IDENTIFICATION

Product Name	Acrylic
Finish	High gloss surface
Characteristics	Excellent clarity, high impact resistance
Chemical Family	Poly (methyl methacrylate)

2. MATERIAL PROPERTIES

Properties	ISO Test Method	Unit	
Density	ISO 1183	g/cm ³	1.17
Charpy Impact Strength (notched)	ISO 179-1	kJ.m ²	3
Flexural Strength	ISO 178	MPa	90
Tensile Strength	ISO 527-2	MPa	55
Vicat Softening Temperature (10N)	ISO 306	°C	104
Heat Deflection Temperture (1.8 Mpa)	ISO 75-1.2	°C	
Fire Resistance	UL94		HB