

Plaskolite West Optix® CA-945 Clear Impact Modified Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, Extruded

Material Notes:

Impact modified acrylic resin, extrusion and injection molding
Applications: An impact-modified acrylic resin for extrusion and injection molding. This resin offers impact strengths up to six times of general-purpose acrylic resins. It also offers good heat resistance.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plaskolite-West-Optix-CA-945-Clear-Impact-Modified-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792
Melt Flow	1.7 g/10 min	1.7 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	55.2 MPa	8010 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256
Gardner Impact	2.60 J	1.92 ft-lb	Falling Weight; ASTM D3029GB

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	88.0 °C	190 °F	ASTM D648

Optical Properties	Metric	English	Comments
Transmission, Visible	91.6 %	91.6 %	ASTM D1003

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