

Plaskolite Optix® CA-927 HF Clear Impact Modified Acrylic Resin

Category : Polymer , Thermoplastic , Acrylic (PMMA) , Acrylic, Impact Modified, Molded

Material Notes:

Impact modified acrylic resin, injection molding grade
Applications: A high flow, impact-modified acrylic resin for injection molding. This resin offers impact strengths up to seven times those of general-purpose acrylic resins and, at the same time, a high melt flow rate.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plaskolite-Optix-CA-927-HF-Clear-Impact-Modified-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Density	1.15 g/cc	0.0415 lb/in ³	ASTM D792
Melt Flow	12 g/10 min	12 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	49.6 MPa	7190 psi	ASTM D638
Elongation at Break	25 %	25 %	ASTM D638
Modulus of Elasticity	2.38 GPa	345 ksi	ASTM D638
Flexural Strength	48.3 MPa	7010 psi	ASTM D790
Izod Impact, Notched	0.430 J/cm	0.806 ft-lb/in	ASTM D256
Gardner Impact	3.16 J	2.33 ft-lb	Falling Weight; ASTM D3029GB

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	73.0 °C	163 °F	ASTM D648
Vicat Softening Point	108 °C	226 °F	Rate A, ASTM D1525
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Transmission, Visible	90 %	90 %	ASTM D1003

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China