

Plaskolite West Optix® CA-927 G Clear Impact Modified Acrylic Resin

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

Material Notes:

Impact modified acrylic resin, injection molding grade Applications: An impact-modified acrylic resin designed for medical or food uses.

This resin offers impact strengths up to seven times of general-purpose acrylic resins and is suited for Gamma irradiation treatment. Meets

FDA CFR-21 Sec 177.1010 for food use. Meets USP Plastic Class VI for medical use.

Order this product through the following link:

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

Physical Properties	Metric	English	Comments
Density	1.16 g/cc	0.0419 lb/in ³	ASTM D792
Melt Flow	4.5 g/10 min	4.5 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	50.3 MPa	7300 psi	ASTM D638
Elongation at Break	5.0 %	5.0 %	ASTM D638
Modulus of Elasticity	2.00 GPa	290 ksi	ASTM D638
Flexural Strength	75.8 MPa	11000 psi	ASTM D790
Izod Impact, Notched	0.481 J/cm	0.900 ft-lb/in	ASTM D256
Gardner Impact	3.05 J	2.25 ft-lb	Falling Weight; ASTM D3029GB

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	79.0 °C	174 °F	ASTM D648
Vicat Softening Point	112 °C	234 °F	Rate A, ASTM D1525
Flammability, UL94	HB	HB	

Optical Properties	Metric	English	Comments
Transmission, Visible	91 %	91 %	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