

Plaskolite Optix® CA-924 Impact Modified Acrylic Resin

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

Material Notes:

Injection Molding Grade Pellets. Good impact strength.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Plaskolite-Optix-CA-924-Impact-Modified-Acrylic-Resin.php

Physical Properties	Metric	English	Comments
Density	1.17 g/cc	0.0423 lb/in ³	ASTM D792
Melt Flow	6.3 g/10 min	6.3 g/10 min	Condition 230/3.8; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Ultimate	58.0 MPa	8410 psi	ASTM D638
Elongation at Break	4.6 %	4.6 %	ASTM D638
Modulus of Elasticity	3.30 GPa	479 ksi	ASTM D638
Flexural Strength	86.0 MPa	12500 psi	ASTM D790
Izod Impact, Notched	0.480 J/cm	0.899 ft-lb/in	ASTM D256
Gardner Impact	1.60 J	1.18 ft-lb	ASTM D3029 GB

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	83.0 °C	181 °F	ASTM D648
Vicat Softening Point	112 °C	234 °F	ASTM D1525
Flammability, UL94	HB	HB	

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

Processing Properties	Metric	English	Comments
Melt Temperature	215 - 249 °C	419 - 480 °F	

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