

Prodways PLASTCure Model 200 3D Printing Polymer

Category : Polymer , Rapid Prototyping Polymer

Material Notes:

High temperature resistance. Thermoforming applications Information provided by Genistar.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Prodways-PLASTCure-Model-200-3D-Printing-Polymer.php

Physical Properties	Metric	English	Comments
Density	1.00 - 1.20 g/cc	0.0361 - 0.0434 lb/in³	
Viscosity	500 - 600 cP	500 - 600 cP	
	@Temperature 28.0 °C	@Temperature 82.4 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	81 - 85	81 - 85	
Tensile Strength at Break	55.0 - 80.0 MPa	7980 - 11600 psi	ASTM D638
Elongation at Break	0.5 - 1.5 %	0.5 - 1.5 %	ASTM D638
Tensile Modulus	1.90 - 2.00 GPa	276 - 290 ksi	ASTM D638
Flexural Modulus	1.80 - 2.10 GPa	261 - 305 ksi	ASTM D790
Izod Impact, Notched	0.100 - 0.150 J/cm	0.187 - 0.281 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	90.0 - 100 °C	194 - 212 °F	ISO 75-2

Descriptive Properties	Value	Comments
Appearance	Hazy orange-skin color	

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