

## Prodways PLASTCure Rigid 10 500 3D Printing Polymer

Category : Polymer , Rapid Prototyping Polymer

**Material Notes:**

Superior thermo-mechanical properties.Suitable for the manufacture of parts that require thermal stability, extreme accuracy and quick turnaround. Exceptional for parts that are designed for wind tunnel testing and unique application in rapid tooling or high temperature testing, electrical casings, automotive housingsInformation provided by Genistar.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Prodways-PLASTCure-Rigid-10-500-3D-Printing-Polymer.php](http://www.lookpolymers.com/polymer_Prodways-PLASTCure-Rigid-10-500-3D-Printing-Polymer.php)

Physical Properties	Metric	English	Comments
Density	1.50 - 1.60 g/cc	0.0542 - 0.0578 lb/in <sup>3</sup>	
Viscosity	900 - 1300 cP @Temperature 30.0 °C	900 - 1300 cP @Temperature 86.0 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	92 - 96	92 - 96	
Tensile Strength at Break	38.0 - 42.0 MPa	5510 - 6090 psi	ASTM D638
Elongation at Break	0.50 - 1.0 %	0.50 - 1.0 %	ASTM D638
Tensile Modulus	10.0 - 11.0 GPa	1450 - 1600 ksi	ASTM D638
Flexural Strength	145 - 155 MPa	21000 - 22500 psi	ASTM D790
Flexural Modulus	10.0 - 11.0 GPa	1450 - 1600 ksi	ASTM D790
Izod Impact, Notched	0.150 - 0.200 J/cm	0.281 - 0.375 ft-lb/in	ASTM D256

Descriptive Properties	Value	Comments
Appearance	Off-white	

## Contact Songhan Plastic Technology Co.,Ltd.

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