

Ovation Polymers SOFTAPLAS™ R 60300 GF Nat Thermoplastic Polyurethane, 30% Glass Fiber

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Glass Fiber Reinforced

Material Notes:

30% short glass fiber reinforced for excellent strength and processabilityAll properties after 48hrs conditioning at 23°C/50% RH

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ovation-Polymers-SOFTAPLAS-R-60300-GF-Nat-Thermoplastic-Polyurethane-30-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.45 g/cc	1.45 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.0 MPa	11600 psi	50 mm/min; ASTM D638
Elongation at Break	13 %	13 %	50 mm/min; ASTM D638
Tensile Modulus	2.45 GPa	355 ksi	50 mm/min; ASTM D638
Flexural Strength	90.0 MPa	13100 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	2.75 GPa	399 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	2.94 J/cm @Temperature 23.0 °C	5.50 ft-lb/in @Temperature 73.4 °F	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	78.0 °C @Thickness 3.20 mm	172 °F @Thickness 0.126 in	Unannealed; ASTM D648

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