

SABIC Innovative Plastics LNP THERMOCOMP PFW53U PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP THERMOCOMP* PFW53U is a compound based on Nylon 6 resin containing 15% Glass Fiber, 15% Wollastinite. Added features of this material include: UV Stabilized.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-PFW53U-PA-6.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ISO 1183

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	112 MPa	16200 psi	ISO 527
Elongation at Break	2.3 %	2.3 %	ISO 527
Tensile Modulus	8.50 GPa	1230 ksi	1 mm/min; ISO 527
Flexural Modulus	7.29 GPa	1060 ksi	ISO 178
Izod Impact, Notched (ISO)	5.00 kJ/m ²	2.38 ft-lb/in ²	80*10*4; ISO 180/1A

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	196 Â°C	385 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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