

SABIC Innovative Plastics LNP Thermotuf PC006I PA 6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* Thermotuf* PC006I is a compound based on Nylon 6 resin containing Carbon Fiber, Impact Modifier. Added features of this material include: High Impact. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermotuf-PC006I-PA-6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.24 g/cc	0.0448 lb/in ³	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	177 MPa	25700 psi	ASTM D 638
Elongation at Break	2.5 %	2.5 %	ASTM D 638
Tensile Modulus	29.16 GPa	4229 ksi	50 mm/min; ASTM D 638
Flexural Strength	303 MPa	43900 psi	ASTM D 790
Flexural Modulus	15.76 GPa	2286 ksi	ASTM D 790
Izod Impact, Notched	1.97 J/cm @Temperature 23.0 Â°C	3.69 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	10.68 J/cm @Temperature 23.0 Â°C	20.01 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	208 Â°C @Thickness 3.20 mm	406 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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