

SABIC Innovative Plastics LNP THERMOCOMP PX94085 PA 6 (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* THERMOCOMP* PX94085 is a compound based on PA6 resin, containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-PX94085-PA-6-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.55 g/cc	0.0560 lb/in ³	ISO 1183
Water Absorption	0.40 % @Time 86400 sec	0.40 % @Time 24.0 hour	ISO 62-1
Linear Mold Shrinkage, Flow	0.0025 cm/cm	0.0025 in/in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	212 MPa	30700 psi	5 mm/min; ISO 527
Elongation at Break	3.4 %	3.4 %	5 mm/min; ISO 527
Tensile Modulus	14.4 GPa	2090 ksi	1 mm/min; ISO 527
Flexural Yield Strength	309 MPa	44800 psi	2 mm/min; ISO 178
Flexural Modulus	12.6 GPa	1830 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	16.0 kJ/m ²	7.61 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	95.0 kJ/m ²	45.2 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	206 °C	403 °F	Flatw 80*10*4 sp=64mm; ISO 75/Af

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