

SABIC Innovative Plastics LNP THERMOCOMP CX05470 PS (Asia Pacific)

Category : Polymer , Thermoplastic , Polystyrene (PS)

Material Notes:

LNP* Thermocomp* CX05470 is a compound based on Polystyrene resin containing Glass Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-CX05470-PS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	64.0 MPa	9280 psi	ASTM D638
Elongation at Break	1.2 %	1.2 %	ASTM D638
Tensile Modulus	8.54 GPa	1240 ksi	50 mm/min; ASTM D638
Flexural Strength	96.0 MPa	13900 psi	ASTM D790
Flexural Modulus	6.34 GPa	920 ksi	ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256
Izod Impact, Unnotched	1.55 J/cm	2.90 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	91.0 Å°C @Thickness 3.20 mm	196 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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