

SABIC Innovative Plastics LNP THERMOCOMP PX12419 PA 6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

LNP* THERMOCOMP* PX12419 is a compound based on Nylon 6 containing Carbon Fiber. Added features of this grade include: Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-PX12419-PA-6.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.26 g/cc	1.26 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	233 MPa	33800 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	2.0 %	2.0 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	24.9 GPa	3610 ksi	5 mm/min; ASTM D638
Flexural Strength	345 MPa	50000 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	19.0 GPa	2760 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.990 J/cm	1.85 ft-lb/in	ASTM D256
Izod Impact, Unnotched	8.22 J/cm	15.4 ft-lb/in	ASTM D4812

Electrical Properties	Metric	English	Comments
Surface Resistance	100 - 1000 ohm	100 - 1000 ohm	ASTM D257

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