

SABIC Innovative Plastics LNP LUBRICOMP EX10404H PEI

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

LNP* LUBRICOMP* EX10404H is a compound based on Polyetherimide containing proprietary fillers. Added features of this grade include:
Wear Resistant, Healthcare.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-LUBRICOMP-EX10404H-PEI.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.40 g/cc	1.40 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	216 MPa	31300 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	1.3 %	1.3 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	21.54 GPa	3124 ksi	5 mm/min; ASTM D638
Flexural Strength	283 MPa	41000 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	17.3 GPa	2510 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	0.560 J/cm	1.05 ft-lb/in	ASTM D256
Izod Impact, Unnotched	4.76 J/cm	8.92 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	213 Å°C @Thickness 3.20 mm	415 Å°F @Thickness 0.126 in	unannealed; ASTM D648

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