

SABIC Innovative Plastics LNP THERMOCOMP EC004XXQ PEI

Category : Polymer , Thermoplastic , Polyetherimide (PEI)

Material Notes:

LNP* THERMOCOMP* EC004XXQ is a compound based on Polyetherimide containing 20% Carbon Fiber.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-EC004XXQ-PEI.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792
Moisture Absorption	0.230 %	0.230 %	50% RH, 24 hrs; ASTM D570

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	230 MPa	33400 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	1.8 %	1.8 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	17.38 GPa	2521 ksi	5 mm/min; ASTM D638
Flexural Strength	308 MPa	44700 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	14.6 GPa	2120 ksi	1.3 mm/min, 50 mm span; ASTM D790
Poissons Ratio	0.44	0.44	ASTM E 132
Izod Impact, Notched	0.780 J/cm	1.46 ft-lb/in	ASTM D256
Izod Impact, Unnotched	5.98 J/cm	11.2 ft-lb/in	ASTM D4812

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

Electrical Properties	Metric	English	Comments
Surface Resistance	10000 ohm - 1e+05	10000 ohm - 1e+05	ASTM D257

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