

SABIC Innovative Plastics LNP THERMOCOMP 2C003 ETFE

Category : Polymer , Thermoplastic , Fluoropolymer , ETFE/ECTFE

Material Notes:

LNP* THERMOCOMP* 2C003 is a compound based on ETFE resin containing 15% Carbon Fiber. Added features of this material include:
Electrically Conductive.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-2C003-ETFE.php

Physical Properties	Metric	English	Comments
Density	1.73 g/cc	0.0625 lb/in ³	ASTM D792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	90.0 MPa	13100 psi	ASTM D638
	90.0 MPa	13100 psi	Type I, 5 mm/min; ASTM D638
Elongation at Break	4.9 %	4.9 %	ASTM D638
	4.9 %	4.9 %	Type I, 5 mm/min; ASTM D638
Tensile Modulus	11.71 GPa	1698 ksi	50 mm/min; ASTM D638
Flexural Strength	137 MPa	19900 psi	ASTM D790
	137 MPa	19900 psi	1.3 mm/min, 50 mm span; ASTM D790
Flexural Modulus	11.03 GPa	1600 ksi	ASTM D790
	11.03 GPa	1600 ksi	1.3 mm/min, 50 mm span; ASTM D790
Izod Impact, Notched	3.52 J/cm	6.59 ft-lb/in	ASTM D256
Izod Impact, Unnotched	12.38 J/cm	23.19 ft-lb/in	ASTM D4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	207 Â°C @Thickness 3.20 mm	405 Â°F @Thickness 0.126 in	unannealed; ASTM D648

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