

SABIC Innovative Plastics LNP Thermocomp 4X08423

Category : Polymer , Thermoplastic , Fluoropolymer , PFA

Material Notes:

LNP* Thermocomp* 4X08423 is a compound based on Perfluoroalkoxy Polymer (PFA) containing Glass Fiber. This data was supplied by SABIC-IP for the Americas region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-Thermocomp-4X08423.php

Physical Properties	Metric	English	Comments
Specific Gravity	2.20 g/cc	2.20 g/cc	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	34.0 MPa	4930 psi	Type I, 5 mm/min; ASTM D 638
Elongation at Break	2.9 %	2.9 %	Type I, 5 mm/min; ASTM D 638
Tensile Modulus	5.13 GPa	744 ksi	50 mm/min; ASTM D 638
Flexural Yield Strength	45.0 MPa	6530 psi	1.3 mm/min, 50 mm span; ASTM D 790
Flexural Modulus	2.88 GPa	418 ksi	1.3 mm/min, 50 mm span; ASTM D 790
Izod Impact, Notched	1.24 J/cm @Temperature 23.0 Â°C	2.32 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Izod Impact, Unnotched	3.17 J/cm @Temperature 23.0 Â°C	5.94 ft-lb/in @Temperature 73.4 Â°F	ASTM D 4812

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	169 Â°C @Thickness 3.20 mm	336 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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