

SABIC Innovative Plastics LNP THERMOCOMP ZFM3314 PPE (Europe-Africa-Middle East)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO

Material Notes:

glas, mineral filled PPE

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-LNP-THERMOCOMP-ZFM3314-PPE-Europe-Africa-Middle-East.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	ISO 1183
Melt Index of Compound	17 g/10 min @Load 5.00 kg, Temperature 300 Â°C	17 g/10 min @Load 11.0 lb, Temperature 572 Â°F	MVR [cm ³ /10 min]; ISO 1133

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	95.0 MPa	13800 psi	5 mm/min; ISO 527
Elongation at Break	2.1 %	2.1 %	5 mm/min; ISO 527
Tensile Modulus	6.10 GPa	885 ksi	1 mm/min; ISO 527
Flexural Yield Strength	145 MPa	21000 psi	2 mm/min; ISO 178
Flexural Modulus	5.80 GPa	841 ksi	2 mm/min; ISO 178
Izod Impact, Notched (ISO)	7.00 kJ/m ²	3.33 ft-lb/in ²	80*10*4; ISO 180/1A
Izod Impact, Unnotched (ISO)	25.0 kJ/m ²	11.9 ft-lb/in ²	80*10*4; ISO 180/1U

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	32.0 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	17.8 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
CTE, linear, Transverse to Flow	62.0 Âµm/m-Â°C @Temperature 23.0 - 60.0 Â°C	34.4 Âµin/in-Â°F @Temperature 73.4 - 140 Â°F	ISO 11359-2
Deflection Temperature at 1.8 MPa (264 psi)	170 Â°C	338 Â°F	Flatw 80*10*4 sp=64mm; ISO 75/Af
Vicat Softening Point	179 Â°C	354 Â°F	Rate B/120; ISO 306

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