

SABIC Innovative Plastics NORYL FM3020V PPE+PS (Asia Pacific)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS)

Material Notes:

30% filled FR high modulus foam grade

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-FM3020V-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
Water Absorption	0.080 % @Time 86400 sec	0.080 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.025 - 0.030 cm/cm @Thickness 3.20 mm	0.025 - 0.030 in/in @Thickness 0.126 in	SABIC Method
Melt Flow	19.2 g/10 min @Load 5.00 kg, Temperature 300 °C	19.2 g/10 min @Load 11.0 lb, Temperature 572 °F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	SABIC - Japan Method
Elongation at Break	6.0 %	6.0 %	SABIC - Japan Method
Flexural Strength	113 MPa	16400 psi	ASTM D790
Flexural Modulus	6.37 GPa	924 ksi	ASTM D790

Thermal Properties	Metric	English	Comments
CTE, linear	24.0 - 35.0 µm/m-°C @Temperature -30.0 - 30.0 °C	13.3 - 19.4 µin/in-°F @Temperature -22.0 - 86.0 °F	TMA
Deflection Temperature at 1.8 MPa (264 psi)	116 °C @Thickness 6.40 mm	241 °F @Thickness 0.252 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