

SABIC Innovative Plastics NORYL GTX APS130 PPE+PPS (Asia Pacific)

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polyphenylene Sulfide (PPS)

Material Notes:

PPE+PPS GF30%

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-GTX-APS130-PPEPPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.44 g/cc	1.44 g/cc	ASTM D792
Water Absorption	0.020 %	0.020 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0025 - 0.0070 cm/cm	0.0025 - 0.0070 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	
Melt Flow	29.1 g/10 min	29.1 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 300 Â°C	@Load 11.0 lb, Temperature 572 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	112 MPa	16200 psi	SABIC - Japan Method
Elongation at Break	8.0 %	8.0 %	SABIC - Japan Method
Flexural Strength	156 MPa	22600 psi	ASTM D790
Flexural Modulus	8.43 GPa	1220 ksi	ASTM D790
Izod Impact, Notched	0.880 J/cm	1.65 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	25.0 - 55.0 Âµm/m-Â°C	13.9 - 30.6 Âµin/in-Â°F	TMA
	@Temperature -30.0 - 30.0 Â°C	@Temperature -22.0 - 86.0 Â°F	
Deflection Temperature at 0.46 MPa (66 psi)	267 Â°C	513 Â°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	ASTM D257
	3.3	3.3	

Electrical Properties	Metric @Frequency 50.0 - 60.0 Hz	English @Frequency 50.0 - 60.0 Hz	ASTM D150 Comments
Dielectric Strength	22.1 kV/mm @Thickness 1.60 mm	561 kV/in @Thickness 0.0630 in	in oil; ASTM D149

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