

SABIC Innovative Plastics Noryl PX1404 PPE+PS

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

Material Notes:

PPE+PS blend. High Heat. FDA compliant with restrictions. Injection Molding and Extrusion. 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-Noryl-PX1404-PPEPS.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D 792
Water Absorption	0.060 % @Time 86400 sec	0.060 % @Time 24.0 hour	ASTM D 570
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm @Thickness 3.20 mm	0.0050 - 0.0070 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	Type I, 50 mm/min; ASTM D 638
Elongation at Break	20 %	20 %	Type I, 50 mm/min; ASTM D 638
Flexural Yield Strength	104 MPa	15100 psi	1.3 mm/min, 50 mm span; ASTM D 790
Flexural Modulus	2.41 GPa	350 ksi	1.3 mm/min, 50 mm span; ASTM D 790
Izod Impact, Notched	1.70 J/cm @Temperature -40.0 Â°C	3.18 ft-lb/in @Temperature -40.0 Â°F	ASTM D 256
	5.34 J/cm @Temperature 23.0 Â°C	10.0 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256
Gardner Impact	33.0 J @Temperature 23.0 Â°C	24.3 ft-lb @Temperature 73.4 Â°F	ASTM D 3029

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	148 Â°C @Thickness 6.40 mm	298 Â°F @Thickness 0.252 in	unannealed; ASTM D 648

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