

SABIC Innovative Plastics Noryl PX6592 PPE+PS (Asia Pacific)

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

Material Notes:

20% glass filled, PPO/HIPS alloy. This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Noryl-PX6592-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.21 g/cc	1.21 g/cc	ASTM D 792

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	88.0 MPa	12800 psi	Type I, 50 mm/min; ASTM D 638
Elongation at Break	5.0 %	5.0 %	Type I, 50 mm/min; ASTM D 638
Flexural Yield Strength	125 MPa	18100 psi	1.3 mm/min, 50 mm span; ASTM D 790
Flexural Modulus	5.20 GPa	754 ksi	1.3 mm/min, 50 mm span; ASTM D 790
Izod Impact, Notched	0.580 J/cm @Temperature 23.0 Â°C	1.09 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	120 Â°C @Thickness 3.20 mm	248 Â°F @Thickness 0.126 in	unannealed; ASTM D 648
	132 Â°C @Thickness 6.40 mm	270 Â°F @Thickness 0.252 in	unannealed; ASTM D 648

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