

SABIC Innovative Plastics NORYL PCN2615 PPE+PS (Asia Pacific)

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-PCN2615-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.38 g/cc	1.38 g/cc	ASTM D792
Melt Flow	14 g/10 min @Load 5.00 kg, Temperature 300 Â°C	14 g/10 min @Load 11.0 lb, Temperature 572 Â°F	ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	116 MPa	16800 psi	Type I, 10 mm/min; SABIC - Japan Method
Elongation at Yield	7.0 %	7.0 %	Type I, 10 mm/min; SABIC - Japan Method
Flexural Yield Strength	160 MPa	23200 psi	2.6 mm/min, 100 mm span; ASTM D790
Flexural Modulus	8.30 GPa	1200 ksi	2.6 mm/min, 100 mm span; ASTM D790
Izod Impact, Notched	0.780 J/cm	1.46 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	125 Â°C @Thickness 6.40 mm	257 Â°F @Thickness 0.252 in	unannealed; ASTM D648
Flammability, UL94	V-1 @Thickness 2.00 mm	V-1 @Thickness 0.0787 in	UL 94

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