

## SABIC Innovative Plastics NORYL PX2949 PPE+PS (Asia Pacific)

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

### Material Notes:

PPE+PS GF+Mineral Filler total 40%

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-NORYL-PX2949-PPEPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-PX2949-PPEPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.42 g/cc	1.42 g/cc	ASTM D792
Water Absorption	0.060 %	0.060 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	
	0.0025 cm/cm	0.0025 in/in	SABIC Method
	@Thickness 6.40 mm	@Thickness 0.252 in	
Melt Flow	22 g/10 min	22 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 250 Â°C	@Load 22.0 lb, Temperature 482 Â°F	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	92.0 MPa	13300 psi	SABIC - Japan Method
Elongation at Break	7.0 %	7.0 %	SABIC - Japan Method
Flexural Strength	124 MPa	18000 psi	ASTM D790
Flexural Modulus	9.72 GPa	1410 ksi	ASTM D790
Izod Impact, Notched	0.490 J/cm	0.918 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	30.0 - 53.0 Âµm/m-Â°C	16.7 - 29.4 Âµin/in-Â°F	TMA
	@Temperature -30.0 - 30.0 Â°C	@Temperature -22.0 - 86.0 Â°F	
Deflection Temperature at 1.8 MPa (264 psi)	124 Â°C	255 Â°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Flammability, UL94	5VA	5VA	UL 94

Thermal Properties	@Thickness 2.80 mm Metric	@Thickness 0.110 in English	Comments
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## Contact Songhan Plastic Technology Co.,Ltd.

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