

**SABIC Innovative Plastics NORYL PX2934 PPE+PS (Asia Pacific)**

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

**Material Notes:**

PPE+PS GF20% High Heat Non-FR

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-NORYL-PX2934-PPEPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-PX2934-PPEPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.24 g/cc	1.24 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	
	0.0040 cm/cm	0.0040 in/in	SABIC Method
	@Thickness 6.40 mm	@Thickness 0.252 in	
Melt Flow	6.9 g/10 min	6.9 g/10 min	ASTM D1238
	@Load 5.00 kg, Temperature 300 °C	@Load 11.0 lb, Temperature 572 °F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	124	124	ASTM D785
Tensile Strength, Yield	103 MPa	14900 psi	SABIC - Japan Method
Elongation at Break	9.0 %	9.0 %	SABIC - Japan Method
Flexural Strength	148 MPa	21500 psi	ASTM D790
Flexural Modulus	5.59 GPa	811 ksi	ASTM D790
Izod Impact, Notched	0.620 J/cm	1.16 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	28.0 - 45.0 $\mu\text{m}/\text{m}\cdot\text{°C}$	15.6 - 25.0 $\mu\text{in}/\text{in}\cdot\text{°F}$	TMA
	@Temperature -30.0 - 30.0 °C	@Temperature -22.0 - 86.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	159 °C	318 °F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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