

## SABIC Innovative Plastics NORYL PX0844 PPE+PS (Asia Pacific)

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

### Material Notes:

Automotive interiors. High heat/moisture resistant. consistent processability.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-NORYL-PX0844-PPEPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-PX0844-PPEPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Water Absorption	0.10 %	0.10 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm	0.0050 - 0.0070 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	114	114	ASTM D785
Tensile Strength, Yield	49.0 MPa	7110 psi	Type I, 50 mm/min; ASTM D638
Elongation at Break	42 %	42 %	Type I, 50 mm/min; ASTM D638
Flexural Yield Strength	75.0 MPa	10900 psi	2.6 mm/min, 100 mm span; ASTM D790
Flexural Modulus	2.24 GPa	325 ksi	2.6 mm/min, 100 mm span; ASTM D790
Izod Impact, Notched	2.34 J/cm	4.38 ft-lb/in	ASTM D256
	1.33 J/cm	2.49 ft-lb/in	
	@Temperature -40.0 °C	@Temperature -40.0 °F	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	73.8 Åµm/m-Å°C	41.0 Åµin/in-Å°F	ASTM E 831
	@Temperature 0.000 - 100 Å°C	@Temperature 32.0 - 212 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	121 Å°C	250 Å°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Deflection Temperature at 1.8 MPa (264 psi)	112 Å°C	234 Å°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	

Thermal Properties

Metric

English

Comments

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China