

## SABIC Innovative Plastics NORYL PX2790 PPE+HIPS (Asia Pacific)

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

### Material Notes:

PPE/HIPS unfilled FR-V1, 90C

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-NORYL-PX2790-PPEHIPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-PX2790-PPEHIPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.10 g/cc	1.10 g/cc	ASTM D792
Water Absorption	0.070 %	0.070 %	ASTM D570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0060 cm/cm	0.0060 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	
Melt Flow	33 g/10 min	33 g/10 min	ASTM D1238
	@Load 10.0 kg, Temperature 250 Å°C	@Load 22.0 lb, Temperature 482 Å°F	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	115	115	ASTM D785
Tensile Strength, Yield	38.0 MPa	5510 psi	SABIC - Japan Method
Elongation at Break	80 %	80 %	SABIC - Japan Method
Flexural Strength	63.0 MPa	9140 psi	ASTM D790
Flexural Modulus	2.33 GPa	338 ksi	ASTM D790
Izod Impact, Notched	2.61 J/cm	4.89 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	70.0 Åµm/m-Å°C	38.9 Åµin/in-Å°F	TMA
	@Temperature -30.0 - 30.0 Å°C	@Temperature -22.0 - 86.0 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	90.0 Å°C	194 Å°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Flammability, UL94	V-1	V-1	UL 94
	@Thickness 1.47 mm	@Thickness 0.0579 in	

Thermal Properties	V-0 Metric	V-0 English	Comments
	@Thickness 6.10 mm	@Thickness 0.240 in	
	5VA	5VA	UL 94
	@Thickness 6.10 mm	@Thickness 0.240 in	

Electrical Properties	Metric	English	Comments
Surface Resistance	1.00e+16 ohm	1.00e+16 ohm	ASTM D257
Arc Resistance	0.00 - 60 sec	0.00 - 60 sec	Tungsten; ASTM D495

## Contact Songhan Plastic Technology Co.,Ltd.

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