

## SABIC Innovative Plastics NORYL EX130 PPE+HIPS (Asia Pacific)

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

**Material Notes:**

PPE+PS Auto Exterior Grade

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-NORYL-EX130-PPEHIPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-EX130-PPEHIPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D792
Water Absorption	0.060 %	0.060 %	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
Tensile Strength, Yield	53.0 MPa	7690 psi	SABIC - Japan Method
Elongation at Break	50 %	50 %	SABIC - Japan Method
Flexural Strength	78.0 MPa	11300 psi	ASTM D790
Flexural Modulus	2.16 GPa	313 ksi	ASTM D790
Izod Impact, Notched	2.35 J/cm	4.40 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	55.0 - 75.0 $\mu\text{m}/\text{m}\cdot\text{C}$	30.6 - 41.7 $\mu\text{in}/\text{in}\cdot\text{F}$	TMA
	@Temperature -30.0 - 30.0 $^{\circ}\text{C}$	@Temperature -22.0 - 86.0 $^{\circ}\text{F}$	
Deflection Temperature at 1.8 MPa (264 psi)	127 $^{\circ}\text{C}$	261 $^{\circ}\text{F}$	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	

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