

**SABIC Innovative Plastics Noryl EBN9003 PPE+HIPS (Asia Pacific)**

Category : Polymer , Thermoplastic , Polyphenylene Ether/PPO , Polystyrene (PS) , Polystyrene + Polyphenylene Ether, Unreinforced , Polystyrene, Impact Modified

**Material Notes:**

This data was supplied by SABIC-IP for the Asia Pacific region.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SABIC-Innovative-Plastics-Noryl-EBN9003-PPEHIPS-Asia-Pacific.php](http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-Noryl-EBN9003-PPEHIPS-Asia-Pacific.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D 792
Water Absorption	0.060 % @Time 86400 sec	0.060 % @Time 24.0 hour	ASTM D 570
Linear Mold Shrinkage, Flow	0.0050 - 0.0070 cm/cm @Thickness 3.20 mm	0.0050 - 0.0070 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	42.0 MPa	6090 psi	SABIC - Japan Method
Elongation at Break	60 %	60 %	SABIC - Japan Method
Flexural Strength	65.0 MPa	9430 psi	ASTM D 790
Flexural Modulus	2.05 GPa	297 ksi	ASTM D 790
Izod Impact, Notched	2.94 J/cm @Temperature 23.0 Â°C	5.51 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	115 Â°C @Thickness 3.20 mm	239 Â°F @Thickness 0.126 in	unannealed; ASTM D 648

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