

SABIC Innovative Plastics Noryl EBN90 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-EBN90-PPEHIPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 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	45.0 MPa	6530 psi	SABIC - Japan Method
Elongation at Break	50 %	50 %	SABIC - Japan Method
Flexural Strength	71.0 MPa	10300 psi	ASTM D 790
Flexural Modulus	2.35 GPa	341 ksi	ASTM D 790
Izod Impact, Notched	2.45 J/cm @Temperature 23.0 Â°C	4.59 ft-lb/in @Temperature 73.4 Â°F	ASTM D 256

Thermal Properties	Metric	English	Comments
CTE, linear	70.0 Âµm/m-Â°C @Temperature -30.0 - 30.0 Â°C	38.9 Âµin/in-Â°F @Temperature -22.0 - 86.0 Â°F	TMA
Deflection Temperature at 0.46 MPa (66 psi)	90.0 Â°C @Thickness 3.20 mm	194 Â°F @Thickness 0.126 in	unannealed; ASTM D 648
Flammability, UL94	V-1 @Thickness 2.00 mm	V-1 @Thickness 0.0787 in	UL 94
	5VB @Thickness 3.00 mm	5VB @Thickness 0.118 in	UL 94

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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