

SABIC Innovative Plastics NORYL CN5246 PPE+PS (Asia Pacific)

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

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-CN5246-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.33 g/cc	1.33 g/cc	ASTM D792
Water Absorption	0.060 % @Time 86400 sec	0.060 % @Time 24.0 hour	ASTM D570
Linear Mold Shrinkage, Flow	0.0025 - 0.0030 cm/cm @Thickness 3.20 mm	0.0025 - 0.0030 in/in @Thickness 0.126 in	SABIC Method

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	108 MPa	15700 psi	SABIC - Japan Method
Elongation at Break	7.0 %	7.0 %	SABIC - Japan Method
Flexural Strength	152 MPa	22000 psi	ASTM D790
Flexural Modulus	8.23 GPa	1190 ksi	ASTM D790
Izod Impact, Notched	0.680 J/cm	1.27 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear	24.0 - 34.0 $\mu\text{m}/\text{m}\cdot^{\circ}\text{C}$ @Temperature -30.0 - 30.0 $^{\circ}\text{C}$	13.3 - 18.9 $\mu\text{in}/\text{in}\cdot^{\circ}\text{F}$ @Temperature -22.0 - 86.0 $^{\circ}\text{F}$	TMA
Deflection Temperature at 1.8 MPa (264 psi)	125 $^{\circ}\text{C}$ @Thickness 6.40 mm	257 $^{\circ}\text{F}$ @Thickness 0.252 in	unannealed; ASTM D648

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