

SABIC Innovative Plastics Noryl PKN4717 PPE+PS (Asia Pacific)

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

Material Notes:

PPE+PS. Translucent. FDA compliant. High heat. Foam extrusion. Microwavable. Food packaging uses. Solid properties listed. 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-PKN4717-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.07 g/cc	1.07 g/cc	ASTM D 792
Water Absorption	0.060 % @Time 86400 sec	0.060 % @Time 24.0 hour	ASTM D 570

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	124	124	ASTM D 785
Tensile Strength at Break	83.0 MPa	12000 psi	Type I, 50 mm/min; ASTM D 638
Tensile Strength, Yield	83.0 MPa	12000 psi	Type I, 50 mm/min; ASTM D 638
Elongation at Break	93 %	93 %	Type I, 50 mm/min; ASTM D 638
Elongation at Yield	9.1 %	9.1 %	Type I, 50 mm/min; ASTM D 638
Flexural Yield Strength	128 MPa	18600 psi	2.6 mm/min, 100 mm span; ASTM D 790
Flexural Modulus	3.03 GPa	439 ksi	2.6 mm/min, 100 mm span; ASTM D 790

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	143 Â°C @Thickness 6.40 mm	289 Â°F @Thickness 0.252 in	unannealed; ASTM D 648
Deflection Temperature at 1.8 MPa (264 psi)	132 Â°C @Thickness 6.40 mm	270 Â°F @Thickness 0.252 in	unannealed; ASTM D 648
Vicat Softening Point	157 Â°C	315 Â°F	Rate B/50; ASTM D 1525

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