

SABIC Innovative Plastics Noryl N190A PPE+PS (Asia Pacific)

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

Material Notes:

Low heat, flame retardant PPO/HIPS alloy. Internal flammability results only. Not a UL recognised material. 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-N190A-PPEPS-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.08 g/cc	1.08 g/cc	ASTM D 792
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	50.0 MPa	7250 psi	Type I, 50 mm/min; ASTM D 638
Elongation at Break	41 %	41 %	Type I, 50 mm/min; ASTM D 638
Flexural Yield Strength	55.0 MPa	7980 psi	1.3 mm/min, 50 mm span; ASTM D 790
Flexural Modulus	2.20 GPa	319 ksi	1.3 mm/min, 50 mm span; ASTM D 790
Izod Impact, Notched	1.97 J/cm	3.69 ft-lb/in	ASTM D 256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	130 Åµm/m-Å°C	72.2 Åµin/in-Å°F	ASTM E 831
	@Temperature -40.0 - 60.0 Å°C	@Temperature -40.0 - 140 Å°F	
Deflection Temperature at 1.8 MPa (264 psi)	81.0 Å°C	178 Å°F	unannealed; ASTM D 648
	@Thickness 3.20 mm	@Thickness 0.126 in	
Vicat Softening Point	87.0 Å°C	189 Å°F	unannealed; ASTM D 648
	@Thickness 6.40 mm	@Thickness 0.252 in	
Vicat Softening Point	95.0 Å°C	203 Å°F	Rate B/50; ASTM D 1525
Flammability, UL94	V-0	V-0	UL 94 by SABIC-IP
	@Thickness 3.20 mm	@Thickness 0.126 in	

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