

SABIC Innovative Plastics NORYL GTX GTX626 PPE+PS+PA

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

Material Notes:

Blowmolding and extrusion. High heat and chemical resistant.

Order this product through the following link:

http://www.lookpolymers.com/polymer_SABIC-Innovative-Plastics-NORYL-GTX-GTX626-PPEPSA.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.09 g/cc	1.09 g/cc	ASTM D792
Linear Mold Shrinkage, Flow	0.013 - 0.014 cm/cm	0.013 - 0.014 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	62.0 MPa	8990 psi	Type I, 50 mm/min; ASTM D638
Elongation at Break	83 %	83 %	Type I, 50 mm/min; ASTM D638
Flexural Yield Strength	95.0 MPa	13800 psi	2.6 mm/min, 100 mm span; ASTM D790
Flexural Modulus	2.27 GPa	329 ksi	2.6 mm/min, 100 mm span; ASTM D790
Izod Impact, Notched	3.36 J/cm	6.29 ft-lb/in	ASTM D256
	1.22 J/cm	2.29 ft-lb/in	ASTM D256
Dart Drop, Total Energy	31.0 J	22.9 ft-lb	Instrumented Impact Energy @ peak; ASTM D3763
	36.0 J	26.6 ft-lb	Instrumented Impact Energy @ peak; ASTM D3763
	@Temperature -30.0 Å°C	@Temperature -22.0 Å°F	

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	179 Å°C	354 Å°F	unannealed; ASTM D648
	@Thickness 6.40 mm	@Thickness 0.252 in	
UL RTI, Electrical	50.0 Å°C	122 Å°F	UL 746B
UL RTI, Mechanical with Impact	50.0 Å°C	122 Å°F	UL 746B
UL RTI, Mechanical without Impact	50.0 Å°C	122 Å°F	UL 746B

Thermal Properties Flammability, UL 94	MP Metric	MP English	Comments UL 94
	@Thickness 1.49 mm	@Thickness 0.0587 in	

Contact Songhan Plastic Technology Co.,Ltd.

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