

SABIC Innovative Plastics Noryl GTX GTX6010 PPE+PA6 (Asia Pacific)

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Polyphenylene Ether/PPO

Material Notes:

PA6 based unfilled GTX. High impact. 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-GTX-GTX6010-PPEPA6-Asia-Pacific.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.06 g/cc	1.06 g/cc	ASTM D 792
Water Absorption	0.50 %	0.50 %	ASTM D 570
	@Time 86400 sec	@Time 24.0 hour	
Linear Mold Shrinkage, Flow	0.0080 - 0.011 cm/cm	0.0080 - 0.011 in/in	SABIC Method
	@Thickness 3.20 mm	@Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	43.0 MPa	6240 psi	SABIC - Japan Method
Elongation at Break	150 %	150 %	SABIC - Japan Method
Flexural Strength	63.0 MPa	9140 psi	ASTM D 790
Flexural Modulus	1.76 GPa	255 ksi	ASTM D 790
Izod Impact, Notched	8.43 J/cm	15.8 ft-lb/in	ASTM D 256
	@Temperature 23.0 Å°C	@Temperature 73.4 Å°F	

Thermal Properties	Metric	English	Comments
CTE, linear	80.0 Åµm/m-Å°C	44.4 Åµin/in-Å°F	TMA
	@Temperature -30.0 - 30.0 Å°C	@Temperature -22.0 - 86.0 Å°F	
Deflection Temperature at 0.46 MPa (66 psi)	175 Å°C	347 Å°F	unannealed; ASTM D 648
	@Thickness 3.20 mm	@Thickness 0.126 in	

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