

Zhejiang Juner PA66-301-G20 Flame-Retardant & Glass Reinforced, Environmental PA66

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Fiber Filled, Flame Retardant

Material Notes:

Applications: Framework of Coils Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-PA66-301-G20-Flame-Retardant-Glass-Reinforced-Environmental-PA66.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	GB/1033
Water Absorption	0.60 %	0.60 %	23°C•24h
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	GB/15585

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	110 MPa	16000 psi	GB/1040
Flexural Strength	168 MPa	24400 psi	GB/9341
Charpy Impact Unnotched	4.16 J/cm ²	19.8 ft-lb/in ²	ISO179-1:2000
Charpy Impact, Notched	0.910 J/cm ²	4.33 ft-lb/in ²	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	GB1634
Flammability, UL94	V-0	V-0	GB/T2408
Flammability Test	20	20	Flame Remainder (%); GB/9345

Processing Properties	Metric	English	Comments
Processing Temperature	255 - 285 °C	491 - 545 °F	
Mold Temperature	60.0 - 120 °C	140 - 248 °F	
Drying Temperature	110 °C	230 °F	Vacuum Pressure, -0.08 MPa
	@Time 10800 sec	@Time 3.00 hour	
	120 °C	248 °F	Chute Hot-Wind
	@Time 18000 sec	@Time 5.00 hour	
	120 °C	248 °F	

Processing Properties	Metric @ Time 21600 sec	English @ Time 6.00 hour	Horizontal Oven Comments
Injection Pressure	50.0 - 110 MPa	7250 - 16000 psi	

Descriptive Properties	Value	Comments
Speed of Shoot, %	35-90	

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