

Zhejiang Juner PA66-301-G10 Flame-Retardant & Glass Reinforced, Environmental PA66

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

Material Notes:

Applications: Electric Appliance Pedestal Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Jun-PA66-301-G10-Flame-Retardant-Glass-Reinforced-Environmental-PA66.php

Physical Properties	Metric	English	Comments
Density	1.25 g/cc	0.0452 lb/in ³	GB/1033
Water Absorption	0.60 %	0.60 %	23°C•24h
Linear Mold Shrinkage	0.014 cm/cm	0.014 in/in	GB/15585

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	96.0 MPa	13900 psi	GB/1040
Flexural Strength	134 MPa	19400 psi	GB/9341
Charpy Impact Unnotched	3.70 J/cm ²	17.6 ft-lb/in ²	ISO179-1:2000
Charpy Impact, Notched	0.660 J/cm ²	3.14 ft-lb/in ²	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	150 °C	302 °F	GB1634
Flammability, UL94	V-0	V-0	GB/T2408
Flammability Test	12	12	Flame Remainder (%); GB/9345

Processing Properties	Metric	English	Comments
Processing Temperature	255 - 280 °C	491 - 536 °F	
Mold Temperature	60.0 - 100 °C	140 - 212 °F	
Drying Temperature	110 °C @Time 10800 sec	230 °F @Time 3.00 hour	Vacuum Pressure, -0.08 MPa
	120 °C @Time 18000 sec	248 °F @Time 5.00 hour	Chute Hot-Wind
	120 °C	248 °F	

Processing Properties	Metric @ Time 21600 sec	English @ Time 6.00 hour	Horizontal Oven Comments
Injection Pressure	50.0 - 100 MPa	7250 - 14500 psi	

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

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