

Zhejiang Juner PA-A1 Flame-Retardant & Glass Reinforced, Non-Halogen PA66

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

Material Notes:

Applications: MCBInformation provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-PA-A1-Flame-Retardant-Glass-Reinforced-Non-Halogen-PA66.php

Physical Properties	Metric	English	Comments
Density	1.32 g/cc	0.0477 lb/in ³	GB/1033

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	60.0 MPa	8700 psi	GB/1040
Flexural Strength	100 MPa	14500 psi	GB/9341
Charpy Impact Unnotched	2.00 J/cm ²	9.52 ft-lb/in ²	ISO179-1:2000
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	140 °C	284 °F	GB1634
Flammability, UL94	V-2	V-2	GB/T2408
Flammability Test	12	12	Glow-Wire Test (sec); GB/5169.11
	13	13	Flame Remainder (%); GB/9345

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	500 V	500 V	GB/4207

Processing Properties	Metric	English	Comments
Processing Temperature	255 - 285 °C	491 - 545 °F	
Mold Temperature	80.0 - 120 °C	176 - 248 °F	
Drying Temperature	110 °C @Time 7200 sec	230 °F @Time 2.00 hour	Vacuum Pressure, -0.08 MPa
	120 °C @Time 18000 sec	248 °F @Time 5.00 hour	Chute Hot-Wind

Processing Properties	120 °C Metric	248 °F English	Comments
	@Time 21600 sec	@Time 6.00 hour	Comments Oven
Injection Pressure	65.0 - 120 MPa	9430 - 17400 psi	

Descriptive Properties	Value	Comments
Speed of Shoot, %	45-95	

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