

Zhejiang Juner PA-A4 Flame-Retardant & Mineral Reinforced PA6

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Applications: Top Grad CBInformation provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-PA-A4-Flame-Retardant-Mineral-Reinforced-PA6.php

Physical Properties	Metric	English	Comments
Density	1.54 g/cc	0.0556 lb/in ³	GB/1033
Water Absorption	0.60 %	0.60 %	23°C•24h

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	70.0 MPa	10200 psi	GB/1040
Flexural Strength	115 MPa	16700 psi	GB/9341
Charpy Impact Unnotched	2.70 J/cm ²	12.8 ft-lb/in ²	ISO179-1:2000
Charpy Impact, Notched	0.550 J/cm ²	2.62 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	30	30	Flame Remainder (%); GB/9345

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	375 V	375 V	GB/4207

Processing Properties	Metric	English	Comments
Processing Temperature	225 - 260 °C	437 - 500 °F	
Mold Temperature	40.0 - 80.0 °C	104 - 176 °F	
Drying Temperature	110 °C	230 °F	Vacuum Pressure, -0.08 MPa
	@Time 7200 sec	@Time 2.00 hour	
	120 °C	248 °F	Chute Hot-Wind
	@Time 18000 sec	@Time 5.00 hour	

Processing Properties	120 °C Metric	248 °F English	Comments
	@Time 21600 sec	@Time 6.00 hour	Comments Oven
Injection Pressure	40.0 - 90.0 MPa	5800 - 13100 psi	

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

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