

## Zhejiang Juner PA-A7-1 Flame-Retardant & Glass Reinforced, Environmental PA66

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

### Material Notes:

Applications: Electric Cabinet Bracket  
Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zhejiang-Juner-PA-A7-1-Flame-Retardant-Glass-Reinforced-Environmental-PA66.php](http://www.lookpolymers.com/polymer_Zhejiang-Juner-PA-A7-1-Flame-Retardant-Glass-Reinforced-Environmental-PA66.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	GB/1033
Water Absorption	0.70 %	0.70 %	23°C•24h
Linear Mold Shrinkage	0.012 cm/cm	0.012 in/in	GB/15585

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	78.0 MPa	11300 psi	GB/1040
Flexural Strength	124 MPa	18000 psi	GB/9341
Charpy Impact Unnotched	2.20 J/cm <sup>2</sup>	10.5 ft-lb/in <sup>2</sup>	ISO179-1:2000
Charpy Impact, Notched	0.520 J/cm <sup>2</sup>	2.47 ft-lb/in <sup>2</sup>	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	160 °C	320 °F	GB1634
Flammability, UL94	V-0	V-0	GB/T2408
Flammability Test	20	20	Flame Remainder (%); GB/9345

Electrical Properties	Metric	English	Comments
Comparative Tracking Index	350 V	350 V	GB/4207

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 7200 sec	230 °F @Time 2.00 hour	Vacuum Pressure, -0.08 MPa

Processing Properties	120 °C Metric	248 °F English	Comments <i>Wind</i>
	@Time 18000 sec	@Time 5.00 hour	
	120 °C	248 °F	Horizontal Oven
	@Time 21600 sec	@Time 6.00 hour	
Injection Pressure	40.0 - 110 MPa	5800 - 16000 psi	

Descriptive Properties	Value	Comments
Speed of Shoot, %	35-95	

## Contact Songhan Plastic Technology Co.,Ltd.

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