

## Zhejiang Juner PA-A6 GF20%

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Glass Fiber Filled

**Material Notes:**

Applications: Shell of Middle & Top Grade MCB, Pedestal & Shell of Low Voltage Electrical Appliance  
Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zhejiang-Juner-PA-A6-GF20.php](http://www.lookpolymers.com/polymer_Zhejiang-Juner-PA-A6-GF20.php)

Physical Properties	Metric	English	Comments
Density	1.34 g/cc	0.0484 lb/in <sup>3</sup>	GB-1033

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	110 MPa	16000 psi	GB-1040
Elongation at Break	3.5 %	3.5 %	GB-1040
Flexural Strength	150 MPa	21800 psi	GB-9341
Flexural Modulus	5.50 GPa	798 ksi	GB-9341
Charpy Impact, Notched	0.800 J/cm <sup>2</sup>	3.81 ft-lb/in <sup>2</sup>	GB-1043

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	195 °C	383 °F	GB-1634
Flammability, UL94	V-2	V-2	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	GB-1410
Comparative Tracking Index	525 V	525 V	GB4207

Processing Properties	Metric	English	Comments
Processing Temperature	220 - 250 °C	428 - 482 °F	
Mold Temperature	60.0 - 90.0 °C	140 - 194 °F	
Drying Temperature	110 - 120 °C @Time 14400 - 18000 sec	230 - 248 °F @Time 4.00 - 5.00 hour	
Injection Pressure	80.0 - 120 MPa	11600 - 17400 psi	

## **Contact Songhan Plastic Technology Co.,Ltd.**

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