

Zhejiang Juner PA-A6-4 Non-Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , Unreinforced

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-A6-4-Non-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.18 g/cc	0.0426 lb/in ³	GB-1033

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	80.3 MPa	11600 psi	GB-1040
Elongation at Break	5.0 %	5.0 %	GB-1040
Flexural Strength	110.5 MPa	16030 psi	GB-9341
Flexural Modulus	3.20 GPa	464 ksi	GB-9341
Charpy Impact, Notched	0.860 J/cm ²	4.09 ft-lb/in ²	GB-1043

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	88.0 °C	190 °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	575 V	575 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	

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