

Zhejiang Juner 201-G0 Flame Resistant Nonreinforced

Category : Polymer , Thermoplastic , Polyester, TP , Polybutylene Terephthalate (PBT)

Material Notes:

Applications: Electronics and Electricity: TV Components, Plugs of Computers, Exhaust Fans of Computers, Plugs, Sockets, Shells of Electronics, Framework of Level Output Transformers, Pipe Pedestals, Frameworks of Deflection Coils, Hi-Pressure Outputs Package, Plugs of Kinescopes Autos and Others: Ignition Systems, Heating Systems, Electricity Distribution Systems, Tail Lights Base, Shells of Ignition Coils, Door Handles, Air-Condition Lattices Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-201-G0-Flame-Resistant-Nonreinforced.php

Physical Properties	Metric	English	Comments
Density	1.33 g/cc	0.0480 lb/in ³	D792
Water Absorption	0.14 %	0.14 %	23°C•24h; D570
Linear Mold Shrinkage	0.012 - 0.022 cm/cm	0.012 - 0.022 in/in	D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	55.0 MPa	7980 psi	D638
Flexural Strength	85.0 MPa	12300 psi	D790
Flexural Modulus	2.20 GPa	319 ksi	D790
Charpy Impact Unnotched	4.20 J/cm ²	20.0 ft-lb/in ²	IS0179
Charpy Impact, Notched	0.400 J/cm ²	1.90 ft-lb/in ²	IS0179

Thermal Properties	Metric	English	Comments
CTE, linear	80.0 μm/m-°C	44.4 μin/in-°F	D696
	@Temperature -30.0 - 30.0 °C	@Temperature -22.0 - 86.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	55.0 °C	131 °F	D648
Flammability, UL94	HB	HB	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	D257
Dielectric Constant	3.2	3.2	D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Dielectric Strength Electrical Properties	20.0 kV/mm Metric	508 kV/in English	D149 Comments
Dissipation Factor	0.025 @Frequency 1e+6 Hz	0.025 @Frequency 1e+6 Hz	D150

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