

Zhejiang Juner 302-G20 20% Glass Fibre Reinforced, Flammable Resistant, and Low Separate Out Mode

Category : Polymer , Thermoplastic , Polyester, TP , Polyethylene Terephthalate (PET)

Material Notes:

Applications: Electrons 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-302-G20-20-Glass-Fibre-Reinforced-Flammable-Resistant-and-Low-Separate-Out-Mode.php

Physical Properties	Metric	English	Comments
Density	1.52 g/cc	0.0549 lb/in ³	D792
Water Absorption	0.080 %	0.080 %	23°C•24h; D570
Linear Mold Shrinkage	0.0040 - 0.0090 cm/cm	0.0040 - 0.0090 in/in	D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	100 MPa	14500 psi	D638
Elongation at Break	3.0 %	3.0 %	D638
Flexural Strength	150 MPa	21800 psi	D790
Flexural Modulus	5.50 GPa	798 ksi	D790
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	IS0179
Charpy Impact, Notched	0.750 J/cm ²	3.57 ft-lb/in ²	IS0179

Thermal Properties	Metric	English	Comments
CTE, linear	25.0 μm/m-°C	13.9 μin/in-°F	D696
	@Temperature -30.0 - 30.0 °C	@Temperature -22.0 - 86.0 °F	
Deflection Temperature at 1.8 MPa (264 psi)	200 °C	392 °F	D648
Flammability, UL94	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	D257

Electrical Properties	Metric	English	Comments
Dielectric Constant	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	D130
Dielectric Strength	20.0 kV/mm	508 kV/in	D149
Dissipation Factor	0.020 @Frequency 1e+6 Hz	0.020 @Frequency 1e+6 Hz	D150

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