

Zhejiang Juner 301-G0 Flammable Resistant

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

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-301-G0-Flammable-Resistant.php

Physical Properties	Metric	English	Comments
Density	1.48 g/cc	0.0535 lb/in ³	D792
Water Absorption	0.10 %	0.10 %	23°C•24h; D570
Linear Mold Shrinkage	0.014 - 0.020 cm/cm	0.014 - 0.020 in/in	D955

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	50.0 MPa	7250 psi	D638
Flexural Strength	85.0 MPa	12300 psi	D790
Flexural Modulus	2.20 GPa	319 ksi	D790
Charpy Impact Unnotched	4.00 J/cm ²	19.0 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	V-0	V-0	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+16 ohm-cm	1.00e+16 ohm-cm	D257
Dielectric Constant	3.0	3.0	D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Dielectric Strength Electrical Properties	19.0 kV/mm Metric	483 kV/in English	D149 Comments
Dissipation Factor	0.020 @Frequency 1e+6 Hz	0.020 @Frequency 1e+6 Hz	D150

Processing Properties	Metric	English	Comments
Processing Temperature	215 - 255 °C	419 - 491 °F	
Nozzle Temperature	240 °C	464 °F	
Mold Temperature	40.0 - 80.0 °C	104 - 176 °F	
Drying Temperature	120 - 130 °C @Time 14400 sec	248 - 266 °F @Time 4.00 hour	
Injection Pressure	40.0 - 100 MPa	5800 - 14500 psi	3-15 sec
Back Pressure	4.00 - 15.0 MPa	580 - 2180 psi	

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China