

Zhejiang Juner 302-G0 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-G0-Flammable-Resistant-and-Low-Separate-Out-Mode.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---------------------|---------------------------|----------------|
| Density | 1.40 g/cc | 0.0506 lb/in ³ | D792 |
| Water Absorption | 0.16 % | 0.16 % | 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 | 45.0 MPa | 6530 psi | D638 |
| Flexural Strength | 80.0 MPa | 11600 psi | D790 |
| Flexural Modulus | 2.50 GPa | 363 ksi | D790 |
| Charpy Impact Unnotched | 2.50 J/cm ² | 11.9 ft-lb/in ² | IS0179 |
| Charpy Impact, Notched | 0.300 J/cm ² | 1.43 ft-lb/in ² | IS0179 |

| Thermal Properties | Metric | English | Comments |
|---|------------------------------|------------------------------|----------|
| CTE, linear | 70.0 μm/m-°C | 38.9 μin/in-°F | D696 |
| | @Temperature -30.0 - 30.0 °C | @Temperature -22.0 - 86.0 °F | |
| Deflection Temperature at 1.8 MPa (264 psi) | 80.0 °C | 176 °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 | 20.0 kV/mm Metric | 508 kV/in English | D149 Comments |
|--|-----------------------------|-----------------------------|------------------|
| Dissipation Factor | 0.020 @Frequency 1e+6 Hz | 0.020 @Frequency 1e+6 Hz | D150 |

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