

Zhejiang Juner PP6-1JE PP For Automotive Parts

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Applications: Air Conditioning System Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-PP6-1JE-PP-For-Automotive-Parts.php

| Physical Properties | Metric | English | Comments |
|-----------------------|---------------------|---------------------------|----------|
| Density | 1.06 g/cc | 0.0383 lb/in ³ | GB/1033 |
| Linear Mold Shrinkage | 0.011 - 0.014 cm/cm | 0.011 - 0.014 in/in | GB/15585 |
| Melt Flow | 1.1 - 1.4 g/10 min | 1.1 - 1.4 g/10 min | |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-------------------------|----------------------------|---------------|
| Tensile Strength, Yield | 32.0 MPa | 4640 psi | GB/1040 |
| Flexural Strength | 48.0 MPa | 6960 psi | GB/9341 |
| Charpy Impact Unnotched | 0.500 J/cm ² | 2.38 ft-lb/in ² | ISO179-1:2000 |
| Charpy Impact, Notched | 0.500 J/cm ² | 2.38 ft-lb/in ² | ISO179-1:2000 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 125 °C | 257 °F | GB1634 |

| Electrical Properties | Metric | English | Comments |
|-----------------------|-----------------|-----------------|----------|
| Volume Resistivity | 1.00e+18 ohm-cm | 1.00e+18 ohm-cm | D257 |

| Processing Properties | Metric | English | Comments |
|------------------------|-----------------|------------------|----------|
| Processing Temperature | 170 - 230 °C | 338 - 446 °F | |
| Mold Temperature | 40.0 - 80.0 °C | 104 - 176 °F | |
| Injection Pressure | 30.0 - 90.0 MPa | 4350 - 13100 psi | |

| Descriptive Properties | Value | Comments |
|------------------------|-------|----------|
| Speed of Shoot, % | 35-85 | |

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