

RJM SF402-E

Polyphenylene Ether

RJM International, Inc.

Message:

RJM SF402-E is a Polyphenylene Ether (PPE) product. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America. Typical application: Additive/Masterbatch.

Characteristics include:

Flame Rated

High Flow

| General Information | | | |
|-----------------------------|---------------|-------------------|-------------|
| Features | High Flow | | |
| Uses | Compounding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.08 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow | 0.50 to 0.70 | % | ASTM D955 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 44.1 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 50 | % | ASTM D638 |
| Flexural Modulus | 2160 | MPa | ASTM D790 |
| Flexural Strength | 49.0 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 180 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Heat Deflection Temperature | 85 | °C | ASTM D648 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating | V-0 | | UL 94 |
| Injection | Nominal Value | Unit | |
| Drying Temperature | 80.0 | °C | |
| Drying Time | 4.0 | hr | |
| Processing (Melt) Temp | 210 to 240 | °C | |
| Mold Temperature | 80.0 | °C | |

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