

RTP 2800-87A

Thermoplastic Polyolefin Elastomer

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.

| General Information | | | |
|---|----------------------|-------------------|-------------|
| RoHS Compliance | Contact manufacturer | | |
| Appearance | Black | | |
| | Natural color | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.958 | g/cm ³ | ASTM D792 |
| Molding Shrinkage - Flow (3.18 mm, Injection Molded) | 1.8 | % | ASTM D955 |
| Water Absorption (23°C, 24 hr) | 0.050 | % | ASTM D570 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 87 | | ASTM D2240 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 16.0 | MPa | ASTM D412 |
| Tensile Elongation (Break) | 530 | % | ASTM D412 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (3.18 mm, Injection Molded) | No Break | | ASTM D256 |
| Unnotched Izod Impact (3.18 mm) | No Break | | ASTM D4812 |
| Flammability | Nominal Value | | Test Method |
| Flame Rating (1.50 mm) | HB | | UL 94 |
| Additional Information | | | |
| The value listed as Flammibility, UL 94, was tested in accordance with RTP Company methods. | | | |
| Injection | Nominal Value | Unit | |
| Rear Temperature | 171 - 199 | °C | |
| Middle Temperature | 171 - 199 | °C | |
| Front Temperature | 171 - 199 | °C | |
| Mold Temperature | 16.0 - 66.0 | °C | |
| Injection Pressure | 83.0 - 124 | MPa | |

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Recommended distributors for this material

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