

TAFMER™ MH7020

Polyalphaolefin
Mitsui Chemicals, Inc.

Message:

TAFMER™ MH7020, acid modified polyolefin, is used as a modifier for engineering plastics to improve impact resistance.

| General Information | | | |
|------------------------------|-----------------------------------|-------------------|-------------|
| Features | Low Specific Gravity | | |
| | Impact resistance, good | | |
| | Low temperature impact resistance | | |
| Uses | Plastic modification | | |
| Agency Ratings | EU Unspecified Rating | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.873 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) | | | ASTM D1238 |
| 190°C/2.16 kg | 0.70 | g/10 min | ASTM D1238 |
| 230°C/2.16 kg | 1.5 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 70 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | > 8.00 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 1000 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | < -70.0 | °C | ASTM D746 |

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