

TAFMER™ PN-2060

Polyalphaolefin
Mitsui Chemicals, Inc.

Message:

TAFMER™ PH-2060, propylene based polymer, is a specialty olefinic resin designed to improve transparency, flexibility, softness and impact resistance of Polypropylene (PP).

| General Information | | | |
|---|-------------------------|----------|-----------------|
| Features | Low Specific Gravity | | |
| | High elasticity | | |
| | Stress whitening | | |
| | Impact resistance, good | | |
| | Good flexibility | | |
| | Definition, high | | |
| | Soft | | |
| Uses | Plastic modification | | |
| Agency Ratings | EU Unspecified Rating | | |
| | FDA not rated | | |
| Appearance | Clear/transparent | | |
| Forms | Particle | | |
| Physical | Nominal Value | Unit | Test Method |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 6.0 | g/10 min | ASTM D1238 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore A) | 84 | | ASTM D2240 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Modulus | 22.0 | MPa | ASTM D638 |
| Tensile Strength (Break) | > 19.0 | MPa | ASTM D638 |
| Tensile Elongation (Break) | > 1000 | % | ASTM D638 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | < -28.0 | °C | ASTM D746 |
| Melting Temperature | 160 | °C | Internal method |
| Optical | Nominal Value | Unit | Test Method |
| Transmittance ¹ (2000 μm) | 98.0 | % | Internal method |
| NOTE | | | |
| 1. | In Cyclohexanol | | |

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