

Milastomer™ M4800NS

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

Message:

Milastomer™M4800NS is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by injection molding.

Milastomer™Typical application areas of M4800NS are: handles

| General Information | | | |
|--|-------------------|-------------------|-----------------|
| Uses | Soft handle | | |
| Appearance | Natural color | | |
| Forms | Particle | | |
| Processing Method | Injection molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.890 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 20 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness (Shore D, 5 sec) | 49 | | ISO 48 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress ¹ (100% Strain) | 12.7 | MPa | ISO 37 |
| Tensile Stress ² (Break) | 17.2 | MPa | ISO 37 |
| Tensile Elongation ³ (Break) | 560 | % | ISO 37 |
| Thermal | Nominal Value | Unit | Test Method |
| Brittleness Temperature | -60.0 | °C | Internal method |
| Additional Information | | | |
| All tests performed according to Mitsui methods. | | | |
| NOTE | | | |
| 1. | 500 mm/min | | |
| 2. | 500 mm/min | | |
| 3. | 500 mm/min | | |

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Recommended distributors for this material

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