

Milastomer™ C700BM

Thermoplastic Vulcanizate

Mitsui Chemicals America, Inc.

Message:

Milastomer™C700BM is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America and is processed by blow molding.

Milastomer™The main characteristics of C700BM are: high liquidity.

Milastomer™The typical application fields of C700BM are: engineering/industrial accessories

| General Information | | | |
|--|---------------------------------|-------------------|-----------------|
| Features | High liquidity | | |
| Uses | Washer | | |
| | Weather-resistant sealing strip | | |
| Appearance | Black | | |
| Forms | Particle | | |
| Processing Method | Blow molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 0.880 | g/cm ³ | ASTM D1505 |
| Melt Mass-Flow Rate (MFR) (230°C/10.0 kg) | 85 | g/10 min | ISO 1133 |
| Hardness | Nominal Value | Unit | Test Method |
| Durometer Hardness | | | ISO 48 |
| Shaw A | 71 | | ISO 48 |
| Shaw A, 5 seconds | 66 | | ISO 48 |
| Elastomers | Nominal Value | Unit | Test Method |
| Tensile Stress ¹ (Break) | 5.20 | MPa | ISO 37 |
| Tensile Elongation ² (Break) | 400 | % | ISO 37 |
| Compression Set | | | ISO 815 |
| 23°C, 22 hr | 25 | % | ISO 815 |
| 70°C, 22 hr | 39 | % | ISO 815 |
| 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 | | |

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