

Melos™ FM 303

Butyl Rubber

Melos GmbH

Message:

Conductive bedding compound.
For cables and wire with max. 90°C operating temperature at conductor.

| General Information | | | |
|----------------------------------|---------------------------|-----------|-------------|
| Features | Conductive | | |
| | Halogen Free | | |
| Uses | Wire & Cable Applications | | |
| RoHS Compliance | RoHS Compliant | | |
| Forms | Pellets | | |
| Processing Method | Extrusion | | |
| Physical | Nominal Value | Unit | Test Method |
| Density | 1.67 | g/cm³ | ISO 1183/A |
| Mooney Viscosity (ML 1+4, 100°C) | 47 | MU | DIN 53523 |
| Hardness | Nominal Value | Unit | Test Method |
| Shore Hardness (Shore A) | 80 | | ISO 7619 |
| Electrical | Nominal Value | Unit | Test Method |
| Volume Resistivity (27°C) | < 1.0E+3 | ohms · cm | VDE 0472 |
| Extrusion | Nominal Value | Unit | |
| Cylinder Zone 1 Temp. | 70.0 to 90.0 | °C | |
| Cylinder Zone 2 Temp. | 80.0 to 100 | °C | |
| Cylinder Zone 3 Temp. | 90.0 to 110 | °C | |
| Cylinder Zone 4 Temp. | 90.0 to 110 | °C | |
| Adapter Temperature | 95.0 to 115 | °C | |
| Head Temperature | 105 to 125 | °C | |
| Extruder Screw L/D Ratio | 12.0:1.0 to 25.0:1.0 | | |
| Extruder Screw Temperature | 60 to 80 | °C | |
| Die Temperature | 110 to 130 | °C | |

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