

KEPITAL® SF-20

POM, SUS fiber-filled, conductive
- A SUS fiber-filled conductive grade for general injection molding
- Suitable for applications requiring electrical conductivity

Product information

Part Marking Code > POM-MEF20 < ISO 11469

Rheological properties

Moulding shrinkage range, parallel 1.8 % ISO 294-4, 2577

Typical mechanical properties

Yield stress, 50mm/min	58 MPa	ISO 527-1/-2
Yield strain, 50mm/min	8 %	ISO 527-1/-2
Nominal strain at break	15 %	ISO 527-1/-2
Flexural Modulus	2750 MPa	ISO 178
Flexural Strength	82 MPa	ISO 178
Charpy notched impact strength, 23°C	4 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	93 °C	ISO 75-1/-2

Electrical properties

Surface resistivity 10000 Ohm IEC 62631-3-2

Other properties

Density 1490 kg/m³ ISO 1183

Other Approvals

Other Approvals	OEM	Specification	Additional Information
	GM	GMP.POM.048	Natural