

KEPITAL® FG2020

POM, 20% glass fiber-reinforced

KEPITAL® FG2020 is:

- A 20% glass fiber-reinforced grade for general injection molding
- Suitable for parts requiring extremely high strength, high stiffness, high deflection temperature and excellent creep resistance

Product information

Part Marking Code > POM-GF20 < ISO 11469

Typical mechanical properties

Stress at break, 5mm/min	140 MPa	ISO 527-1/-2
Strain at break, 5mm/min	2.5 %	ISO 527-1/-2
Flexural Modulus	7150 MPa	ISO 178
Flexural Strength	195 MPa	ISO 178
Charpy notched impact strength, 23°C	8.5 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
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Electrical properties

Volume resistivity	1E12 Ohm.m	IEC 62631-3-1
Surface resistivity	1E16 Ohm	IEC 62631-3-2

Other properties

Humidity absorption, 2mm	0.2 %	Sim. to ISO 62
Density	1540 kg/m ³	ISO 1183
