

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 Strain at break, 5mm/min Flexural Modulus Flexural Strength Charpy notched impact strength, 23°C	140 MPa 2.5 % 7150 MPa 195 MPa 8.5 kJ/m ²	ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA
Thermal properties		
Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
Electrical properties		
Volume resistivity Surface resistivity	1E12 Ohm.m 1E16 Ohm	IEC 62631-3-1 IEC 62631-3-2
Other properties		
Humidity absorption, 2mm Density	0.2 % 1540 kg/m³	Sim. to ISO 62 ISO 1183

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