

KEPITAL® FG2020 LOF BK

POM, 20% glass fiber-reinforced, low emission

KEPITAL® FG2020 LOF BK is:

- A 20% glass fiber-reinforced grade for general injection molding (black colored)
- A low emission grade featuring improved heat stability.
- Suitable for parts requiring extermely high strength, high stiffness, high deflection temperature, and excellent creep resistance

Product information

Part Marking Code	> POM-GF20 <		ISO 11469
Rheological properties			
Moulding shrinkage, parallel	0.6	%	ISO 294-4, 2577
Typical mechanical properties			
Stress at break, 5mm/min	125	MPa	ISO 527-1/-2
Strain at break, 5mm/min	1.8	%	ISO 527-1/-2
Flexural Modulus	7400	MPa	ISO 178
Flexural Strength	165	MPa	ISO 178
Charpy notched impact strength, 23°C	6	kJ/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Electrical properties			
Volume resistivity	1E12	Ohm.m	IEC 62631-3-1
Surface resistivity		Ohm	IEC 62631-3-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density		kg/m³	ISO 1183

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