

KEPITAL® CX-20

POM, CaCO₃-filled wear-resistance

- A CaCO₃-filled wear-resistance grade for general injection molding
- Suitable for parts requiring strong friction and wear resistance, particularly in contact with metals

Product information

Part Marking Code	> POM-KD10 <		ISO 11469
Rheological properties			
Moulding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min	50	MPa	ISO 527-1/-2
Yield strain, 50mm/min	7	%	ISO 527-1/-2
Nominal strain at break	18	%	ISO 527-1/-2
Flexural Modulus	2450	MPa	ISO 178
Flexural Strength		MPa	ISO 178
Charpy notched impact strength, 23°C	3.1	kJ/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min	165	°C	ISO 11357-1/-3
Electrical properties			
Volume resistivity	>1F14	Ohm.m	IEC 62631-3-1
Surface resistivity	>1E14		IEC 62631-3-2
Carrage recipiivity	71210	Omn	120 02001 0 2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	1450	kg/m³	ISO 1183

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