

KEPITAL® TE-22K BK

POM, unfilled, impact modified, medium-viscosity grade

KEPITAL® TE-22K is an impact-modified grade for general injection molding. Suitable for applications requiring high impact resistance, reduced impact noise, and quality surface.

Product information

Part Marking Code > POM-HI < ISO 11469

Typical mechanical properties

Yield stress, 50mm/min	56 MPa	ISO 527-1/-2
Yield strain, 50mm/min	11 %	ISO 527-1/-2
Nominal strain at break	>50 %	ISO 527-1/-2
Flexural Modulus	2400 MPa	ISO 178
Flexural Strength	70 MPa	ISO 178
Charpy notched impact strength, 23°C	9 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	1390 kg/m ³	ISO 1183