

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

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Part Marking Code	> POM-HI <		ISO 11469
Typical mechanical properties			
Yield stress, 50mm/min	56 N	MPa	ISO 527-1/-2
Yield strain, 50mm/min	11 9	%	ISO 527-1/-2
Nominal strain at break	>50 9	%	ISO 527-1/-2
Flexural Modulus	2400 M	MPa	ISO 178
Flexural Strength	70 N	MPa	ISO 178
Charpy notched impact strength, 23°C	9 k	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	1E16(Ohm	IEC 62631-3-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	1390 k	kg/m³	ISO 1183
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