

KEPITAL[®] TE-21S

POM, toughened, medium-viscosity grade

KEPITAL® TE-21S is a toughened, medium-viscosity grade for general injection molding. Suitable for applications requiring higher impact resistance and toughness.

Product information

Part Marking Code	> POM-HI <		ISO 11469
Typical mechanical properties			
Yield stress, 50mm/min	57	MPa	ISO 527-1/-2
Yield strain, 50mm/min	9.5	%	ISO 527-1/-2
Nominal strain at break	37	%	ISO 527-1/-2
Flexural Modulus	2200	MPa	ISO 178
Flexural Strength	77	MPa	ISO 178
Charpy notched impact strength, 23°C	11	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			
Density	1390	kg/m³	ISO 1183
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