

# 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
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## 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/m <sup>2</sup>	ISO 179/1eA

## Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
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## Flammability

Burning Behav. at thickness h	HB class	UL 94
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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

Density	1390 kg/m <sup>3</sup>	ISO 1183
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