

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

Flammability

Burning Behav. at thickness h

HB class

UL 94

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