

KEPITAL® TS-22H LOF

POM, silicone-modified wear-resistance grade, low emission

- A silicone-modified wear-resistance grade with very low emissions for general injection molding.
- Designed for applications requiring low wear and friction.
- A low-emission grade featuring improved heat stability.

Product information

Part Marking Code > POM < ISO 11469

Rheological properties

Moulding shrinkage, parallel 2.0 % ISO 294-4, 2577

Typical mechanical properties

Yield stress, 50mm/min	60 MPa	ISO 527-1/-2
Yield strain, 50mm/min	7.5 %	ISO 527-1/-2
Nominal strain at break	25 %	ISO 527-1/-2
Flexural Modulus	2600 MPa	ISO 178
Flexural Strength	85 MPa	ISO 178
Charpy notched impact strength, 23°C	5 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	168 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	90 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	130 E-6/K	ISO 11359-1/-2

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	1400 kg/m ³	ISO 1183