

# KEPITAL® TS-25P

POM, wear-resistance grade modified with special silicone powder

- A wear-resistance grade modified with a special silicone powder for general injection molding.
- Designed for applications requiring low wear and friction.

## Product information

Part Marking Code	> POM <	ISO 11469
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## Rheological properties

Moulding shrinkage, parallel	2.0 %	ISO 294-4, 2577
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## Typical mechanical properties

Yield stress, 50mm/min	60 MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 %	ISO 527-1/-2
Nominal strain at break	30 %	ISO 527-1/-2
Flexural Modulus	2500 MPa	ISO 178
Flexural Strength	81 MPa	ISO 178
Charpy notched impact strength, 23 °C	5 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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## 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 kg/m <sup>3</sup>	ISO 1183