

KEPITAL[®] TS-25A LOF

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

- A wear-resistance grade modified with a special silicone 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	56	MPa	ISO 527-1/-2
Yield strain, 50mm/min	10	%	ISO 527-1/-2
Nominal strain at break	45	%	ISO 527-1/-2
Flexural Modulus	2350	MPa	ISO 178
Flexural Strength		MPa	ISO 178
Charpy notched impact strength, 23°C	7.5	kJ/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min	165	°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	>1F12	Ohm.m	IEC 62631-3-1
Surface resistivity	>1E16	• · · · · · · · ·	IEC 62631-3-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	-	kg/m ³	ISO 1183

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Page: 1 of 1