

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
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	10	%	ISO 527-1/-2
Nominal strain at break	30	%	ISO 527-1/-2
Flexural Modulus	2500		ISO 178
Flexural Strength		MPa	ISO 178
Charpy notched impact strength, 23°C	5	kJ/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10 ° C/min	165	°C	ISO 11357-1/-3
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 ³	ISO 1183
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