

KEPITAL® TE-25 LOF

POM, toughened, medium-high viscosity grade, low emission

KEPITAL® TE-25 LOF is a toughened, medium-high viscosity grade for general injection molding. Suitable for applications requiring much higher impact resistance and toughness than TE-24. A low-emission grade featuring improved heat stability.

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Prod	ucti	ıntc	rma	tıon

Part Marking Code	> POM-HI <		ISO 11469
Rheological properties			
Moulding shrinkage, parallel	1.6	%	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min	40	MPa	ISO 527-1/-2
Yield strain, 50mm/min	10	%	ISO 527-1/-2
Nominal strain at break	50	%	ISO 527-1/-2
Flexural Modulus	1200	MPa	ISO 178
Flexural Strength	48	MPa	ISO 178
Charpy notched impact strength, 23°C	15	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	65	°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
Electric strength	21	kV/mm	IEC 60243-1
Other properties			
Density	1340	kg/m³	ISO 1183

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