

## KEPITAL® TS-25H

A silicone-modified wear resistance grade for general injection molding

A silicone-modified wear resistance grade for general injection molding. Designed for applications requiring a high PV limit, low wear and low friction.

## Rheological properties

Moulding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min	59	MPa	ISO 527-1/-2
Yield strain, 50mm/min	9	%	ISO 527-1/-2
Nominal strain at break	23	%	ISO 527-1/-2
Flexural Modulus	2550	MPa	ISO 178
Flexural Strength	83	MPa	ISO 178
Charpy notched impact strength, 23°C	5.5	kJ/m²	ISO 179/1eA
Thermal properties			
Melting temperature, 10 °C/min	168	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	98	°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		IEC 62631-3-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	1390	kg/m³	ISO 1183
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