

KEPITAL® F10-52H

POM, UV-stabilized, high-viscosity

- A UV-stabilized high-viscosity grade for general injection molding.
- Developed for applications in automotive interiors and exposed part

Product information

Part Marking Code	> POM <		ISO 11469
Typical mechanical properties			
Yield stress, 50mm/min	63	MPa	ISO 527-1/-2
Yield strain, 50mm/min	10	%	ISO 527-1/-2
Nominal strain at break	35	%	ISO 527-1/-2
Flexural Modulus	2500	MPa	ISO 178
Flexural Strength		MPa	ISO 178
Charpy notched impact strength, 23°C	8	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	85	°C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120	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
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	1400	kg/m³	ISO 1183

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