

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	83 MPa	ISO 178
Charpy notched impact strength, 23°C	8 kJ/m ²	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/m ³	ISO 1183