

KEPITAL® F20-52 LOF

A UV-stabilized (medium-viscosity) grade for general injection molding; low emission

- A UV-stabilized (medium-viscosity) grade for general injection molding
- A low-emission grade featuring improved heat stability
- Developed for applications in automotive interiors

Rheological properties

Moulding shrinkage range, parallel	2.0 %	ISO 294-4, 2577
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Typical mechanical properties

Tensile Modulus	2600 MPa	ISO 527-1/-2
Yield stress, 50mm/min	62 MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 %	ISO 527-1/-2
Nominal strain at break	35 %	ISO 527-1/-2
Poisson's ratio	0.423	

Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
Temp. of deflection under load, 1.8 MPa	92 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	130 E-6/K	ISO 11359-1/-2

Electrical properties

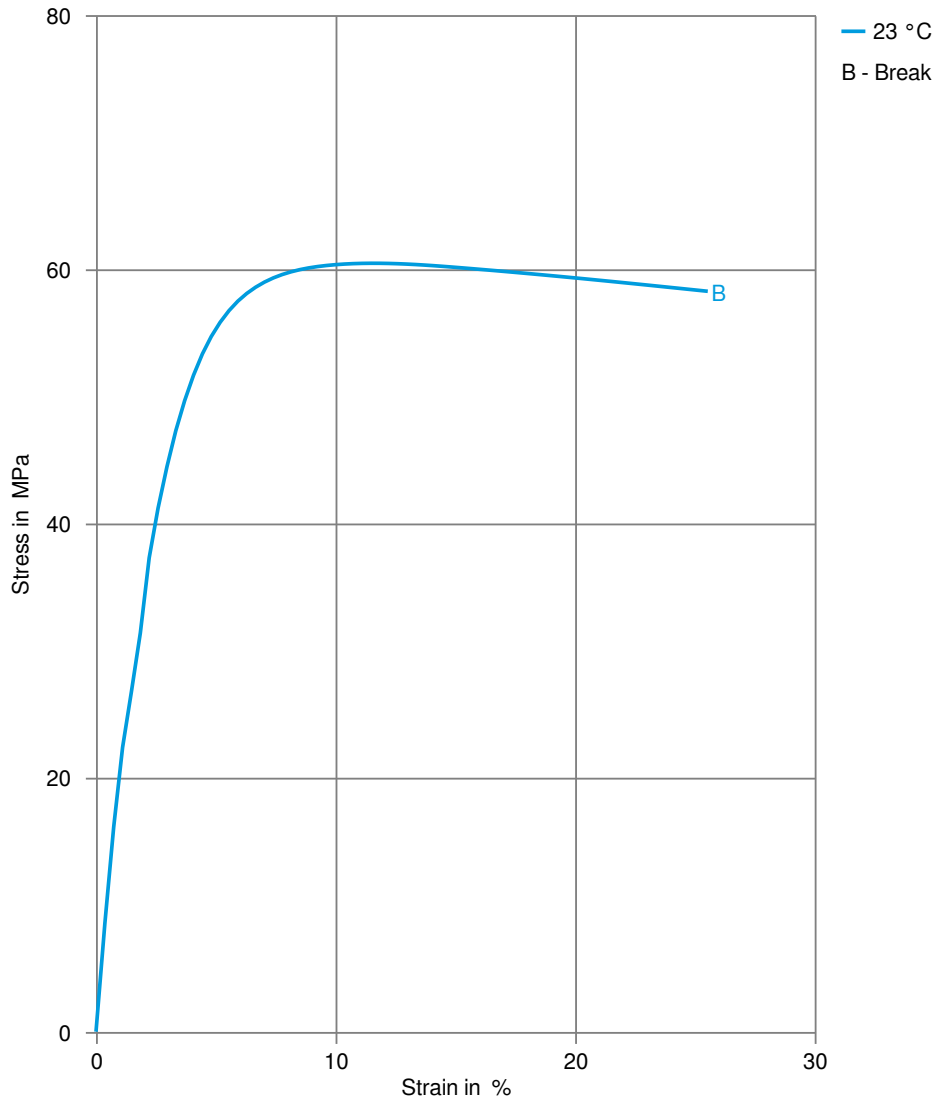
Surface resistivity	>1E15 Ohm	IEC 62631-3-2
Electric strength	19 kV/mm	IEC 60243-1

Other properties

Humidity absorption, 2mm	0.2 %	Sim. to ISO 62
Density	1410 kg/m ³	ISO 1183

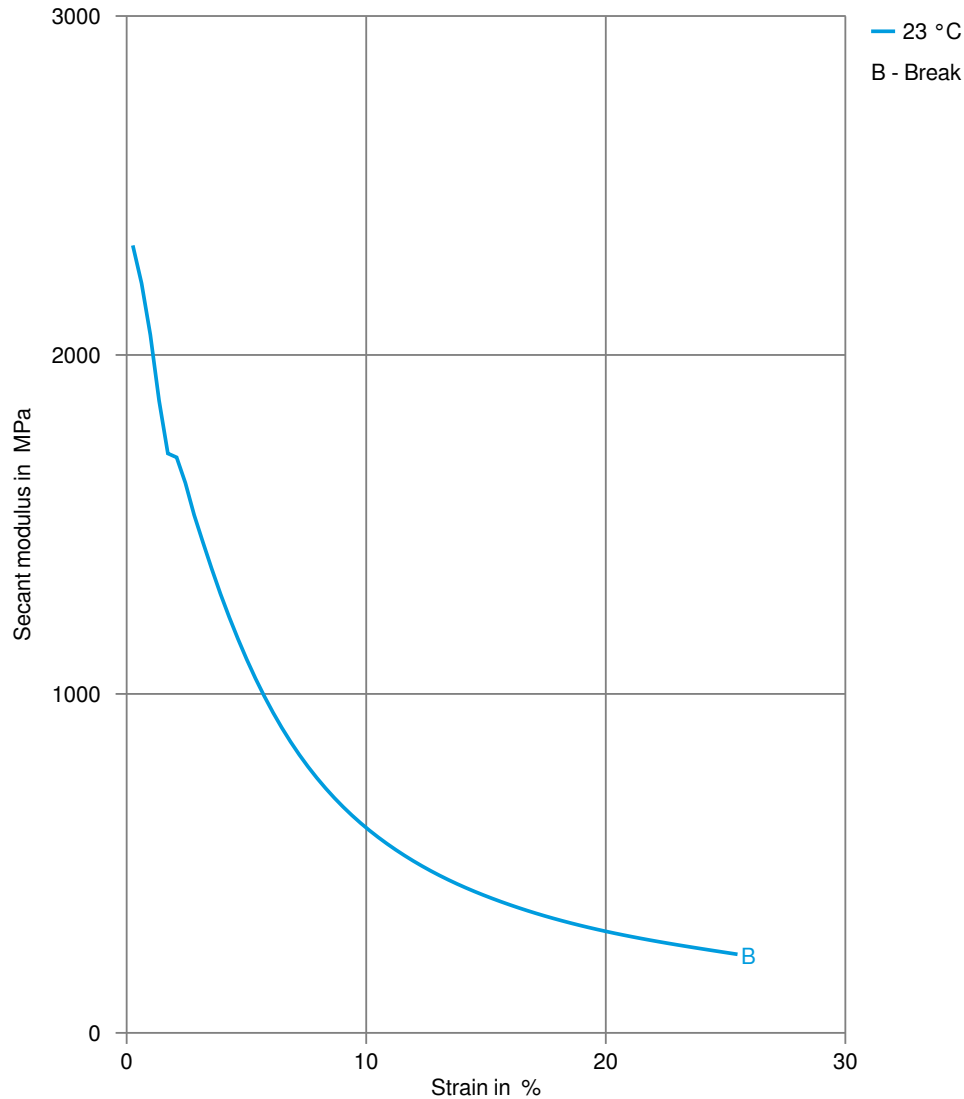
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Stress-strain



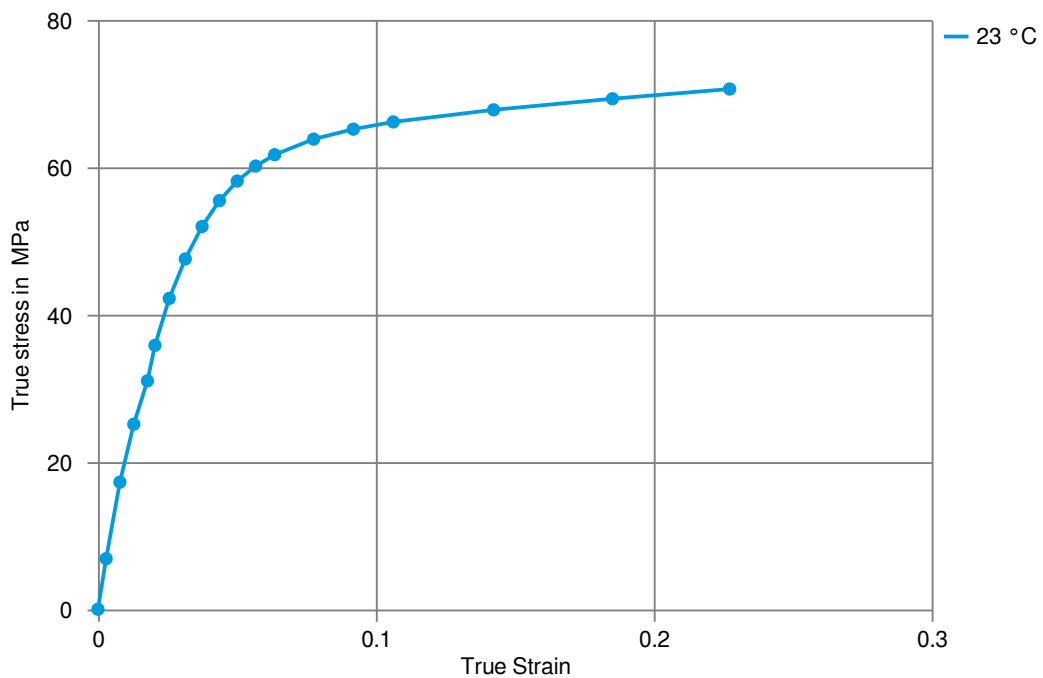
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Secant modulus-strain



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True stress-strain



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Other Approvals

Other Approvals

OEM	Specification
GM	GMW22P-POM-C2