

KEPITAL® F30-52G

A UV-stabilized and gloss-reduced low-viscosity grade for general injection molding

KEPITAL® F30-52G is an UV-stabilized and gloss-reduced low-viscosity grade for general injection molding. Modified with a weather-resistant and gloss-reducing substance. Suitable for applications requiring superior weather resistance and low-gloss characteristics.

Rheological properties

Moulding shrinkage, parallel	2.1 %	ISO 294-4, 2577
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Typical mechanical properties

Yield stress, 50mm/min	57 MPa	ISO 527-1/-2
Yield strain, 50mm/min	9 %	ISO 527-1/-2
Nominal strain at break	25 %	ISO 527-1/-2
Flexural Modulus	2350 MPa	ISO 178
Flexural Strength	78 MPa	ISO 178
Charpy notched impact strength, 23°C	4 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	88 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	130 E-6/K	ISO 11359-1/-2

Other properties

Humidity absorption, 2mm	0.2 %	Sim. to ISO 62
Density	1390 kg/m ³	ISO 1183