

KEPITAL® LX-30BK

low viscosity, laser markable grade

KEPITAL® LX-30BK is a laser markable grade (low viscosity) for general injection molding. Suitable for applications requiring laser marking.

Rheological properties

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

Yield stress, 50mm/min	64 MPa	ISO 527-1/-2
Yield strain, 50mm/min	7.5 %	ISO 527-1/-2
Nominal strain at break	20 %	ISO 527-1/-2
Flexural Modulus	2600 MPa	ISO 178
Flexural Strength	88 MPa	ISO 178
Charpy notched impact strength, 23°C	5 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
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Electrical properties

Electric strength	19 kV/mm	IEC 60243-1
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Other properties

Density	1410 kg/m ³	ISO 1183
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