

KEPITAL® F20-03 BLW

a medium-viscosity grade for general injection molding. Suitable for applications requiring laser welding
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Rheological properties

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

Yield stress, 50mm/min	62 MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 %	ISO 527-1/-2
Nominal strain at break	32 %	ISO 527-1/-2
Flexural Modulus	2550 MPa	ISO 178
Flexural Strength	84 MPa	ISO 178
Charpy notched impact strength, 23°C	6.5 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	100 °C	ISO 75-1/-2

Flammability

Burning Behav. at thickness h	HB class	UL 94
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Electrical properties

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

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