

## KEPITAL<sup>®</sup> F20-03 BLW

a medium-viscosity grade for general injection molding. Suitable for applications requiring laser welding KEPITAL® F20-03 BLW is a medium-viscosity grade for general injection molding. Suitable for applications requiring laser welding.

Rheological properties			
Moulding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min	62 M	MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 9	%	ISO 527-1/-2
Nominal strain at break	32 9	%	ISO 527-1/-2
Flexural Modulus	2550 N	MPa	ISO 178
Flexural Strength	84 N	MPa	ISO 178
Charpy notched impact strength, 23°C	6.5 k	kJ/m²	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
Electrical properties			
Electric strength	19 k	kV/mm	IEC 60243-1
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	1410 k	kg/m³	ISO 1183

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