

KEPITAL® FB2030

30% glass bead-filled grade

KEPITAL® FB2030 is a 30% glass bead-filled grade for general injection molding. Suitable for parts requiring low warpage, reduced sink marks, and dimensional stability

Rheological properties

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Moulding shrinkage, parallel	1.4	%	ISO 294-4, 2577
Typical mechanical properties			
Stress at break, 5mm/min	60	MPa	ISO 527-1/-2
Nominal strain at break	4	%	ISO 527-1/-2
Flexural Modulus	4050	MPa	ISO 178
Flexural Strength	97	MPa	ISO 178
Charpy notched impact strength, 23 °C	5.5	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	117	_	ISO 75-1/-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	_	kg/m³	ISO 1183

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