

ISO 1183

KEPITAL® FB2025

25% glass bead-filled

Density

KEPITAL® FB2025 is a 25% glass bead-filled grade for general injection molding. Suitable for parts requiring low warpage, reduced sink marks and dimensional stability.

Rheological properties

Three legical properties	
Moulding shrinkage, parallel 1.5	% 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 3500	MPa ISO 178
Flexural Strength 93	MPa ISO 178
Charpy notched impact strength, 23°C 2.8	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 115	°C ISO 75-1/-2
Other properties	
Humidity absorption, 2mm 0.2	% Sim. to ISO 62

1590 kg/m³

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