

KEPITAL® F10-01 T2 BBK

a high-viscosity grade for extrusion of round bars, sheets and tubes; a blended material with black master batch. KEPITAL® F10-01 T2 BBK is a high-viscosity grade for extrusion of round bars, sheets and tubes Suitable for uses requiring high productivity without micro porosity for large diameter rods and plates. A blended material with black master batch.

Rheological properties

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

Yield stress, 50mm/min	61 MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 %	ISO 527-1/-2
Nominal strain at break	30 %	ISO 527-1/-2
Flexural Modulus	2200 MPa	ISO 178
Flexural Strength	80 MPa	ISO 178
Charpy notched impact strength, 23°C	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	90 °C	ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120 E-6/K	ISO 11359-1/-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
