

KEPITAL® F10-01 T2

a high-viscosity grade for extrusion of round bars, sheets and tubes

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KEPITAL® F10-01 T2 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.

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Moulding shrinkage, parallel	2.0 % ISO 294-4, 2577
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 22	200 MPa ISO 178
Flexural Strength	80 MPa ISO 178
Charpy notched impact strength, 23°C	8 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	90 °C ISO 75-1/-2
Coeff. of linear therm. expansion, parallel	120 E-6/K ISO 11359-1/-2
Electrical properties	
Electric strength	19 kV/mm IEC 60243-1
Other properties	
Humidity absorption, 2mm	0.2 % Sim. to ISO 62
	410 kg/m ³ ISO 1183

Printed: 2023-08-07 Page: 1 of 1

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