Kepital F10-01

A high viscosity grade for extrusion of round bars, sheets and tubes. It is also suitable for injection molding of thick-walled, void-free and sink mark reduced parts.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm³	1,41
	Melt Flow Rate		ISO 1133	g/10min	3
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2,2
	Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C
Flammability			UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	63
	Flexural Strength	23°C	ISO 178	MPa	82
	Flexural Modulus	23°C	ISO 178	MPa	2.350
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m²	7
	Nominal Strain at Break	23°C	ISO 527-1,2	%	40
Electrical	Surface Resistivity		IEC 60093	□	1x 10^16
	Volume Resistivity		IEC 60093	□ □ cm	1x 10^14
	Dielectric Strength		IEC 60243-1	kV /mm	19

TEKUMA KUNSTSTOFF GMBH
Röntgenstraße 2 21465 Reinbek Germany Telefon +49 40 727 702 - 0 Fax +49 40 722 89 69 info@tekuma.de
Geschäftsführer Constantin Maul Registergericht Lübeck HRB 1387 RE Ust-IdNr. DE135102242 St.Nr. 30 292 15675
www.tekuma.de