Kepital F10-03H

A high viscosity grade for general injection molding with high stiffness. It has improved on thermal stability.

	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	68
	Flexural Strength	23°C	ISO 178	MPa	90
	Flexural Modulus	23°C	ISO 178	MPa	2.650
	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	Ω	1 x 10^16
	Volume Resistivity		IEC 60093	Ω cm	1 x 10^14
	Dielectric Strength		IEC 60243-1	kV /mm	19

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