

Kepital FG2030

A medium-high viscosity grade for general injection molding. It was modified with 10% PTFE powder, and so suitable for parts requiring low wear and friction.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,62
	Melt Flow Rate		ISO 1133	g/10min	6,8
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	164
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	170
	Flexural Strength	23°C	ISO 178	MPa	230
	Flexural Modulus	23°C	ISO 178	MPa	9.900
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	9,5
	Tensile Elongation	23°C	ISO 527-1,2	%	2
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 ¹⁴
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 ¹²
Various	Molding Shrinkage (//Direction)	t 2mm, Ø 100mm		%	0,6

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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