

Kepital FL2010

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	1,45
	Melt Flow Rate		ISO 1133	g/10min	8
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
	Thermal	Flammability		UL94	Class
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	55
	Flexural Strength	23°C	ISO 178	MPa	80
	Flexural Modulus	23°C	ISO 178	MPa	2.400
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	3,5
	Nominal Strain at Break	23°C	ISO 527-1,2	%	14
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 ¹⁴
	Dielectric Strength		IEC 60243-1	kV /mm	16

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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