

Kepital FL2020

A medium viscosity grade for general injection molding. It was modified with 20% 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	1,51
	Melt Flow Rate		ISO 1133	g/10min	7
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	90
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	46
	Flexural Strength	23°C	ISO 178	MPa	70
	Flexural Modulus	23°C	ISO 178	MPa	2.100
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	2,8
	Nominal Strain at Break	23°C	ISO 527-1,2	%	10
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1 x 10 ¹⁴
Various	Molding shrinkage	parallel	ISO 294-4	%	1,6
	Molding Shrinkage	normal	ISO 294-4	%	1,4

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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