

Kepital FG2020L BK

A medium viscosity grade for general injection molding. It was reinforced with glass fiber and

so suitable for use where it needs the characteristic of wear and abrasion resistance.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,58
	Melt Flow Rate		ISO 1133	g/10min	7
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	120
	Strain at Break	23°C	ISO 527-1,2	%	2
	Flexural Strength	23°C	ISO 178	MPa	160
	Flexural Modulus	23°C	ISO 178	MPa	7.000
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	5,5
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 ¹⁴
Various	Molding Shrinkage (//Direction)	t 2mm, Ø 100mm		%	0,7

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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