

Kepital FG2020

A medium-high viscosity grade for general injection molding. It was reinforced with glass fiber, and so suitable for parts requiring very high stiffness, fatigue resistance, creep resistance and heat resistance.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,54
	Melt Flow Rate		ISO 1133	g/10min	9
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	145
	Strain at Break	23°C	ISO 527-1,2	%	3
	Flexural Strength	23°C	ISO 178	MPa	195
	Flexural Modulus	23°C	ISO 178	MPa	7.000
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	8
	Tensile Modulus	23°C	ISO 527-1,2	MPa	8.700
	Electrical	Surface Resistivity		IEC 60093	□
Volume Resistivity			IEC 60093	□ □ cm	1 x 10 ¹⁴

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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