

KEPITAL FT 2020

A medium-low viscosity grade for general injection molding. It was reinforced with whisker, and so suitable for parts requiring much higher stiffness, dimensional accuracy and low warpage.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,59
	Melt Flow Rate		ISO 1133	g/10min	15
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	0,9
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	86
	Strain at Break	23°C	ISO 527-1,2	%	2,7
	Flexural Strength	23°C	ISO 178	MPa	146
	Flexural Modulus	23°C	ISO 178	MPa	6.800
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	3,6
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω • cm	1 x 10 ¹⁴