

KEPITAL FG2015

A medium viscosity grade for general injection molding. It was reinforced 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	1,5
	Melt Flow Rate		ISO 1133	g/10min	11,5
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	%	3,6
	Flexural Strength	23°C	ISO 178	MPa	175
	Flexural Modulus	23°C	ISO 178	MPa	5.200
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	7
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω • cm	1 x 10 ¹⁴