

# KEPITAL FG2025 LOF

A medium-high viscosity grade for general injection molding. It was reinforced glass fiber, and suitable for parts requiring very high stiffness, fatigue resistance, creep resistance, and heat resistance. Low odor grade improved on heat stability.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,59
	Melt Flow Rate		ISO 1133	g/10min	7
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	0,5
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	140
	Flexural Strength	23°C	ISO 178	MPa	190
	Flexural Modulus	23°C	ISO 178	MPa	8.000
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	7
	Tensile Elongation	23°C	ISO 527-1,2	%	2,5
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω • cm	1 x 10 <sup>14</sup>