

# KEPITAL FG2030

A medium-high viscosity grade for general injection molding. It was modified with 10% PTFE powder, and so suitable for parts requiring low wear and friction.

	Properties	Test condition	Method	Unit	Value
Various	Molding Shrinkage ( //Direction)	t 2mm, Ø 100mm		%	0,6
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,62
	Melt Flow Rate		ISO 1133	g/10min	6,8
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	164
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	170
	Flexural Strength	23°C	ISO 178	MPa	230
	Flexural Modulus	23°C	ISO 178	MPa	9,900
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	9,5
	Tensile Elongation	23°C	ISO 527-1,2	%	2
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 <sup>14</sup>
	Volume Resistivity		IEC 60093	Ω • cm	1 x 10 <sup>12</sup>