

# KEPITAL TG-61

A medium-high viscosity grade for general injection molding. It was reinforced glass fiber, and

so suitable for use where it needs the characteristic of wear and abrasion resistance.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,4
	Melt Flow Rate		ISO 1133	g/10min	6
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	0,2
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	160
	Flexural Strength	23°C	ISO 178	MPa	230
	Flexural Modulus	23°C	ISO 178	MPa	9500
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	9
	Tensile Elongation	23°C	ISO 527-1,2	%	2,5
Electrical	Surface Resistivity		IEC 60093	Ω	1 • 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω • cm	1 • 10 <sup>14</sup>