

# Kepital TC3020

Talcum reinforced and low viscosity grade for general injection molding. It's suitable for parts requiring more reducing deformation than that of standard grade under the same stress. Exhibits excellent dimensional accuracy.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,56
	Melt Flow Rate		ISO 1133	g/10min	5
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	1,6
	Thermal	Flammability		UL94	Class
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	67
	Strain at Break	23°C	ISO 527-1,2	%	5,6
	Flexural Strength	23°C	ISO 178	MPa	112
	Flexural Modulus	23°C	ISO 178	MPa	5.290
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	3,8
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω cm	1x 10 <sup>14</sup>
	Dielectric Strength		IEC 60243-1	kV /mm	21

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

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