

# Kepital TE-23

A medium-high viscosity grade for general injection molding. It was modified with elastomer, and so suitable for parts requiring higher impact resistance and toughness.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,36
	Melt Flow Rate		ISO 1133	g/10min	8
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	1,8
	Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C
Flammability			UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	45
	Flexural Strength	23°C	ISO 178	MPa	60
	Flexural Modulus	23°C	ISO 178	MPa	1.650
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	13
	Nominal Strain at Break	23°C	ISO 527-1,2	%	>50
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω cm	1x 10 <sup>14</sup>

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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