

Kepital TE-25

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

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,34
	Melt Flow Rate		ISO 1133	g/10min	6
	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	39
	Flexural Strength	23°C	ISO 178	MPa	46
	Flexural Modulus	23°C	ISO 178	MPa	1.250
	Charpy Notched Im- pact Strength		ISO 179/1eA	kJ/m ²	21
	Nominal Strain at Break	23°C	ISO 527-1,2	%	>60
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1x 10 ¹⁴
	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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