

Kepital TE-23S LOF

A medium-high viscosity grade improved on thermal stability, for general injection molding. It was modified

Low odor grade improved on heat stability

with elastomer, and suitable for parts requiring a much higher impact resistance and toughness.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,37
	Melt Flow Rate		ISO 1133	g/10min	2,5
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	47
	Flexural Strength	23°C	ISO 178	MPa	60
	Flexural Modulus	23°C	ISO 178	MPa	1.750
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	18
	Nominal Strain at Break	23°C	ISO 527-1,2	%	60
	Tensile Strain at Break	23°C	ISO 527-1,2	%	100
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1x 10 ¹⁴
Various	Molding Shrinkage (Flow Direction)	t 2mm, Ø 60mm		%	1,8

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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