

# Kepital TE-22 LOF

A medium 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 <sup>3</sup>	1,37
	Melt Flow Rate		ISO 1133	g/10min	8,5
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	78
	Heat Deflection Temperature (HDT)	0.45 MPa	ISO 75	°C	148
	Flammability		UL94	Class	HB
	Vicat Softening Point	(10N)	ISO 306	°C	160
	Vicat Softening Point	(50N)	ISO 306	°C	134
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	51
	Flexural Strength	23°C	ISO 178	MPa	68
	Flexural Modulus	23°C	ISO 178	MPa	1.900
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	11
	Nominal Strain at Break	23°C	ISO 527-1,2	%	40
	Tensile Strain at Break	23°C	ISO 527-1,2	%	70
Electrical	Surface Resistivity		IEC 60093	Ω	1x 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω cm	1x 10 <sup>14</sup>
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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