

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 ³	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 ²	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 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.



Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitability ability. Guarantee occurs within the scope of our general terms of sale and terms of delievery.