

KEPITAL LO-21

Specially modified wear resistant grade. It's suitable for parts operating with steel.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,39
	Melt Flow Rate		ISO 1133	g/10min	9,5
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
Thermal	Heat Deflection Temperature (HDT)	1.8 MPa	ISO 75-1,2	°C	95
	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	60
	Flexural Strength	23°C	ISO 178	MPa	81
	Flexural Modulus	23°C	ISO 178	MPa	2,450
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	5,5
	Nominal Strain at Break	23°C	ISO 527-1,2	%	26
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω • cm	1 x 10 ¹⁴