

Kepital FS2022

Silicone modified wear resistant grade. It's suitable for reduced friction noise parts and wear resistant parts.

Property

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,4
	Melt Flow Rate		ISO 1133	g/10min	10
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
	Thermal	Flammability		UL94	Class
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	60
	Flexural Strength	23°C	ISO 178	MPa	82
	Flexural Modulus	23°C	ISO 178	MPa	2.400
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	8,5
	Nominal Strain at Break	23°C	ISO 527-1,2	%	48
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 ¹⁴