

KEPITAL FM2020

A medium viscosity grade for general injection molding. It was modified with MoS so suitable for parts requiring a good friction & wear resistance and high stiffness. 2, and

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm ³	1,43
	Melt Flow Rate		ISO 1133	g/10min	11
	Molding Shrinkage (Flow Direction)	t 3mm, Ø 100mm	KEP Method	%	2
Thermal	Flammability		UL94	Class	HB
Mechanical	Tensile Strength	23°C	ISO 527-1,2	MPa	65
	Flexural Strength	23°C	ISO 178	MPa	90
	Flexural Modulus	23°C	ISO 178	MPa	2.690
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m ²	5,5
	Nominal Strain at Break	23°C	ISO 527-1,2	%	20
Electrical	Surface Resistivity		IEC 60093	Ω	1 x 10 ¹⁶
	Volume Resistivity		IEC 60093	Ω • cm	1 x 10 ¹⁴