

# Kepital FM2520S

A medium viscosity grade for general injection molding. It's modified with MoS<sub>2</sub>, and so suitable for parts requiring a good friction & wear resistance.

	Properties	Test condition	Method	Unit	Value
Physical	Density		ISO 1183	g/cm <sup>3</sup>	1,38
	Melt Flow Rate		ISO 1133	g/10min	10,5
	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	58
	Flexural Strength	23°C	ISO 178	MPa	80
	Flexural Modulus	23°C	ISO 178	MPa	2.400
	Charpy Notched Impact Strength		ISO 179/1eA	kJ/m <sup>2</sup>	5,5
	Nominal Strain at Break	23°C	ISO 527-1,2	%	33
Electrical	Surface Resistivity		IEC 60093	Ω	1 × 10 <sup>16</sup>
	Volume Resistivity		IEC 60093	Ω cm	1 × 10 <sup>14</sup>