

# Kepital® FM2520S

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

## Message:

MoS2 modified and special lubricant packaged grade, good for general injection molding. FM2520S shows best performance in use needs for friction & wear resistance.

General Information			
Additive	Molybdenum disulfide lubricant		
Features	Low friction coefficient		
	Copolymer		
	Good wear resistance		
	Medium viscosity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	11	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	58.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	33	%	ISO 527-2
Flexural Modulus (23°C)	2400	MPa	ISO 178
Flexural Stress (23°C)	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.5	kJ/m <sup>2</sup>	ISO 179/1eA
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms · cm	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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## Recommended distributors for this material

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