

Kepital® FM2520S

Acetal (POM) Copolymer
Korea Engineering Plastics Co., Ltd

Message:
A medium viscosity grade for general injection molding. It's modified with MoS2, and so suitable for parts requiring a good friction & wear resistance.

General Information			
UL YellowCard	E120354-220456		
Additive	Molybdenum Disulfide Lubricant		
Features	General Purpose		
	Good Wear Resistance		
	Low Friction		
	Lubricated		
	Medium Viscosity		
Uses	General Purpose		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	11	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 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 ²	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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