

Kepital® FS2022

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

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

General Information			
UL YellowCard	E120354-220457		
Additive	Silicone Lubricant		
Features	Good Wear Resistance		
	Low Friction		
	Lubricated		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	60.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	48	%	ISO 527-2
Flexural Modulus (23°C)	2400	MPa	ISO 178
Flexural Stress (23°C)	82.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.5	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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