

Kepital® F20-51U

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

Message:
A medium viscosity U.V. stabilized grade suitable for out door use. (Black color) Especially for the products which it needs impact resistance.

General Information			
UL YellowCard	E120354-220442	E120354-220441	
Additive	UV Stabilizer		
Features	Good Impact Resistance		
	Medium Viscosity		
Uses	Outdoor Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Black		
Forms	Pellets		
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 (3.00 mm)	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	55.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	40	%	ISO 527-2
Flexural Modulus (23°C)	2250	MPa	ISO 178
Flexural Stress (23°C)	75.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	89.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms·cm	IEC 60093
Electric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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