

Kepital® F30-52

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

UV resistance with UV stabilizer package, low viscosity, natural color grade, which is good for weather resistance purpose in interior application.

General Information			
Features	Copolymer		
	Good UV resistance		
	Good liquidity		
	Good weather resistance		
Uses	Outdoor application		
Appearance	Natural color		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	28	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)	63.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	37	%	ISO 527-2
Flexural Modulus (23°C)	2450	MPa	ISO 178
Flexural Stress (23°C)	83.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179/1eA
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+13	ohms·cm	IEC 60093
Dielectric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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