

Kepital® F20-52G

Acetal (POM) Copolymer

KEP Americas

Message:

An easy-flowing grade for general injection molding. It's modified with a weather-resistant and gloss-reducing substance, and so suitable for parts requiring a good weather resistance and low gloss characteristics.

General Information			
UL YellowCard	E120354-220443	E120354-220441	
Features	Gloss, low		
	Good liquidity		
	Good weather resistance		
	General		
Uses	General		
RoHS Compliance	RoHS compliance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	58.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	40	%	ISO 527-2
Flexural Modulus (23°C)	2350	MPa	ISO 178
Flexural Stress (23°C)	78.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m²	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
Dielectric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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