

Kepital® F20-52G

Acetal (POM) Copolymer

KEP Americas

Message:

Low gloss, UV resistance, easy-flow grade for general injection molding. F20-52G is suited for parts requiring a good weather resistance and low gloss characteristic.

General Information			
Features	Copolymer		
	Good Flow		
	Good Weather Resistance		
	Low Gloss		
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 (Break, 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
Electric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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