

Kepital® GD-52

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Low gloss with UV stability, easy flow grade for general injection molding. GD-52 is suitable for parts requiring a good weather resistance and low gloss

General Information			
Features	Copolymer		
	Gloss, low		
	Good liquidity		
	Good weather resistance		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	59.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	14	%	ISO 527-2
Flexural Modulus (23°C)	2750	MPa	ISO 178
Flexural Stress (23°C)	86.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	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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