

Kepital® FT2020

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Whisker reinforced grade, good for parts needs high stiffness, dimensional accuracy and low warpage.

General Information			
Filler / Reinforcement	Whiskers		
Features	Good dimensional stability		
	Low warpage		
	Rigidity, high		
	Copolymer		
	Medium and low viscosity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.59	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	15	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	0.090	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	86.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	2.7	%	ISO 527-2
Flexural Modulus (23°C)	6800	MPa	ISO 178
Flexural Stress (23°C)	146	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.6	kJ/m ²	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
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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