

Kepital® FB2030

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Glass beads 30% filled, injection molding grade. FB2030 is suited for parts that are required of low warpage and sink mark.

General Information			
Filler / Reinforcement	Glass beads, 30% filler by weight		
Features	Low warpage		
	Copolymer		
	Good liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.64	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	19	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.5	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	58.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	4.0	%	ISO 527-2
Flexural Modulus (23°C)	4050	MPa	ISO 178
Flexural Stress (23°C)	97.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	2.5	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
Dielectric Strength	20	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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