

Kepital® MF3025

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Milled fiber 25% filled and partially reinforced grade. MF3025 is suitable for parts requiring low warpage than those of the FG series which is longer glass fiber

General Information			
Filler / Reinforcement	Glass fiber with embossing, 25% filler by weight		
Features	Low warpage		
	Copolymer		
	Good liquidity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.59	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	16	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.3	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	78.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	4.9	%	ISO 527-2
Flexural Modulus (23°C)	5530	MPa	ISO 178
Flexural Stress (23°C)	129	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.8	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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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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