

# Kepital® TC3020

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

## Message:

20% Talcum filled low viscosity grade for general injection molding. TC3020 is suitable for parts requiring reduced deformation and very tight dimensional accuracy.

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Features	Good dimensional stability		
	Low viscosity		
	Copolymer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.56	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.6	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	67.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	5.6	%	ISO 527-2
Flexural Modulus (23°C)	5290	MPa	ISO 178
Flexural Stress (23°C)	112	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	3.8	kJ/m <sup>2</sup>	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	21	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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## Recommended distributors for this material

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