

Kepital® TC3020

Acetal (POM) Copolymer
Korea Engineering Plastics Co., Ltd

Message:

Talcum reinforced and low viscosity grade for general injection molding. It's suitable for parts requiring more reducing deformation than that of standard grade under the same stress. Exhibits excellent dimensional accuracy.

General Information			
UL YellowCard	E120354-220465		
Filler / Reinforcement	Talc,20% Filler by Weight		
Features	General Purpose		
	Good Dimensional Stability		
	Low Viscosity		
Uses	General Purpose		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.56	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.6	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 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 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
Electric Strength	21	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

