

Kepital® TX-21

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Medium viscosity, lubricant package grade. TX-21 is suitable for use requiring reduced wear noise, and a good friction & wear resistance without sacrificing mechanical properties.

General Information			
Features	Low friction coefficient		
	Copolymer		
	Good wear resistance		
	Medium and low viscosity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	16	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	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)	33	%	ISO 527-2
Flexural Modulus (23°C)	2350	MPa	ISO 178
Flexural Stress (23°C)	79.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	7.5	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
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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