

Kepital® TP-20

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

Message:

Specially modified wear resistant grade. It has low noise property and good for parts operating with plastic.

General Information			
Additive	Lubricant		
Features	Good Wear Resistance		
	Lubricated		
RoHS Compliance	RoHS Compliant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	57.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	34	%	ISO 527-2
Flexural Modulus (23°C)	2450	MPa	ISO 178
Flexural Stress (23°C)	81.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.5	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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