

Kepital® ES-20

Acetal (POM) Copolymer

KEP Americas

Message:

Permanent antistatic grade and surface resistivity is 10^{10} ohm. It's suitable for parts requiring permanent antistatic property like as roller and conveyor belt.

General Information			
Additive	Antistatic property		
Features	Antistatic property		
Uses	Conveyor		
	Roller		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield, 23°C)	50.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	50	%	ISO 527-2
Flexural Modulus (23°C)	2000	MPa	ISO 178
Flexural Stress (23°C)	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	12	kJ/m²	ISO 179/1eA
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+10	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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