

Kepital® ES-20

Acetal (POM) Copolymer

KEP Americas

Message:

Permanent static dissipation grade with 10^{10} ohms of surface resistivity. ES-20 is applied in injection molded parts where requiring permanent static dissipation property.

General Information			
Features	Antistatic		
	Copolymer		
Uses	Conveyor Parts		
	Rollers		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 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/m ²	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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