

Kepital® F20-03 BBK

Acetal (POM) Copolymer

KEP Americas

Message:

Standard medium viscosity grade, tumble blended with carbon black concentrates with 50:1 let down ratio.

General Information			
Features	Copolymer		
	Good Thermal Stability		
	Medium Viscosity		
Appearance	Black		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	9.5	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)	64.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	35	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	87.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.0	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	103	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+14	ohms	IEC 60093
Volume Resistivity	1.0E+12	ohms · cm	IEC 60093
Electric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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