

Kepital® ET-20A

Acetal (POM) Copolymer

KEP Americas

Message:

Carbon black filled conductive grade with 10^4 ohms of surface resistivity. ET-20A has excellent stability in various fuels, so it is suited for fuel applications.

General Information	
Additive	Carbon Black
Features	Copolymer
	Electrically Conductive
	Fuel Resistant
	Good Chemical Resistance

Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	1.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	52.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	8.0	%	ISO 527-2
Flexural Modulus (23°C)	2450	MPa	ISO 178
Flexural Stress (23°C)	76.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	5.5	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	92.0	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	IEC 60093
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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