

# Kepital® ET-20S

Acetal (POM) Copolymer

Korea Engineering Plastics Co., Ltd

## Message:

Carbon black filled conductive grade with  $10^2$  ohms of surface resistivity. As a medium viscosity grade, ET-20S is good for injection molding application.

General Information			
Additive	Carbon black		
Features	Conductivity		
	Copolymer		
	Medium viscosity		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR)	12	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.6	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	40.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	12	%	ISO 527-2
Flexural Modulus (23°C)	2650	MPa	ISO 178
Flexural Stress (23°C)	67.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	4.0	kJ/m <sup>2</sup>	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	88.0	°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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## Recommended distributors for this material

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