

Hostaform® EC270TX

Acetal (POM) Copolymer

Celanese Corporation

Message:

Hostaform® EC270TX is an Acetal (POM) Copolymer product. It is available in Europe.

Characteristics include:

Conductive

Impact Modified

General Information			
UL YellowCard	E42337-609722		
Additive	Impact Modifier		
Features	Electrically Conductive		
	Impact Modified		
RoHS Compliance	Contact Manufacturer		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm³	ISO 1183
Melt Volume-Flow Rate (MVR) (190°C/2.16 kg)	1.50	cm³/10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1950	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	44.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	11	%	ISO 527-2/1A/50
Nominal Tensile Strain at Break	15	%	ISO 527-2/1A/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	6.5	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	70.0	°C	ISO 75-2/A
Melting Temperature ¹	166	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+3	ohms	IEC 60093
Volume Resistivity	1.0E+3	ohms·cm	IEC 60093
NOTE			
1.	10°C/min		

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