

Electrafil® J-80/CF/20 NAT

Acetal (POM) Copolymer

Techmer Engineered Solutions

Message:

Electrafil® J-80/CF/20 NAT is a polyoxymethylene (POM) copolymer product. It is available in North America, Africa and the Middle East, Latin America, Europe or Asia Pacific. The main features are: Rohs certification.

General Information			
UL YellowCard	E253782-484582		
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.30	%	ASTM D955
Water Absorption (24 hr)	0.25	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	11400	MPa	ASTM D638
Tensile Strength	110	MPa	ASTM D638
Flexural Modulus	11000	MPa	ASTM D790
Flexural Strength	152	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	37	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	166	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	5.0	ohms	ASTM D257
Volume Resistivity	5.0	ohms · cm	ASTM D257
Additional Information			
Surface Resistivity, Techmer Test Method: 1 to 10 ohmVolume Resistivity, Techmer Test Method: 1 to 10 ohm-cm			
Injection	Nominal Value	Unit	
Drying Temperature	93.3	°C	
Drying Time	2.0 - 3.0	hr	
Rear Temperature	177 - 218	°C	
Middle Temperature	177 - 218	°C	
Front Temperature	177 - 218	°C	
Processing (Melt) Temp	193 - 213	°C	
Mold Temperature	76.7 - 107	°C	
Back Pressure	0.345 - 0.689	MPa	
Screw Speed	30 - 60	rpm	

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Recommended distributors for this material

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