

# Electrafil® J-1/CF/40 NAT

Polyamide 66

Techmer Engineered Solutions

## Message:

Electrafil® J-1/CF/40 NAT is a polyamide 66 (nylon 66) 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			
RoHS Compliance	RoHS compliance		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.10	%	ASTM D955
Water Absorption (24 hr)	0.60	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	276	MPa	ASTM D638
Tensile Elongation (Break)	1.8	%	ASTM D638
Flexural Modulus	23400	MPa	ASTM D790
Flexural Strength	407	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	96	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	257	°C	ASTM D648
CLTE - Flow	1.4E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	55	ohms	ASTM D257
Volume Resistivity	5.0	ohms·cm	ASTM D257
Additional Information			

Surface Resistivity, Techmer Test Method: 10 to 100 ohmVolume Resistivity, Techmer Test Method: 1 to 10 ohm-cmShielding @ 1GHz, ES7-83: 30 to 40 dB

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## Recommended distributors for this material

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