

Electrafil® J-4/25/CF/15 NAT

Techmer Polymer Modifiers - *Polyamide 612*

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East	• Europe	• North America
	• Asia Pacific	• Latin America	
RoHS Compliance	• RoHS Compliant		
Forms	• Pellets		

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.34		ASTM D792
Molding Shrinkage - Flow (0.125 in)	1.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.15	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	28000	psi	ASTM D638
Tensile Elongation (Break)	3.3	%	ASTM D638
Flexural Modulus	2.05E+6	psi	ASTM D790
Flexural Strength	43000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.5	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	400	°F	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	5.1E+3	ohms	ASTM D257
Volume Resistivity	55	ohms·cm	ASTM D257
Additional Information			
Surface Resistivity, Techmer Test Method: 100 to 10000 ohm			
Volume Resistivity, Techmer Test Method: 10 to 100 ohm-cm			

