

Electrafil® J-1200/CF/20 NAT

Techmer Polymer Modifiers - *Acrylonitrile Butadiene Styrene*

General

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

ASTM & ISO Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.14		ASTM D792
Molding Shrinkage - Flow (0.125 in)	5.0E-4	in/in	ASTM D955
Water Absorption (24 hr)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	15.0	psi	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	1.70E+6	psi	ASTM D790
Flexural Strength	22.0	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.0	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	1.2E-5	in/in/°F	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 ohm			
Volume Resistivity, Techmer Test Method: 1 to 10 ohm-cm			

