

## Electrafil® M-1322

Techmer Polymer Modifiers - *Polyamide 66/6 Copolymer*

### General

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

### Properties <sup>1</sup>

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.23		ASTM D792
Molding Shrinkage - Flow (0.125 in)	2.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	1.0	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength	28000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	2.20E+6	psi	ASTM D790
Flexural Strength	42000	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact	1.3	ft-lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	490	°F	ASTM D648
<b>Electrical</b>			
Surface Resistivity	5.5E+3	ohms	ASTM D257
Volume Resistivity	55	ohms·cm	ASTM D257

### Additional Information

Surface Resistivity, Techmer Test Method: 1000 to 10000 ohm  
Volume Resistivity, Techmer Test Method: 10 to 100 ohm-cm

