

Electrafil® NY-3/EC BK

Techmer Polymer Modifiers - *Polyamide 6*

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	1.25		ASTM D792
Water Absorption (24 hr)	0.11	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	13000	psi	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	610000	psi	ASTM D790
Flexural Strength	19000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.60	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	260	°F	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	5.5E+2	ohms	ASTM D257
Additional Information	Surface Resistivity, Techmer Test Method: 100 to 1000 ohm		

