

Electrafil® 99074

 Techmer Polymer Modifiers - *Polypropylene Copolymer*
General Information
General

Material Status	• Commercial: Active
Availability	• North America
Features	• Copolymer • Semi Conductive
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	1.00		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	7.0	g/10 min	ASTM D1238
Mechanical			
Nominal Value Unit Test Method			
Tensile Strength (Yield)	3500	psi	ASTM D638
Tensile Elongation (Yield)	100	%	ASTM D638
Flexural Modulus	180000	psi	ASTM D790
Flexural Strength	5100	psi	ASTM D790
Impact			
Nominal Value Unit Test Method			
Notched Izod Impact (73°F, 0.125 in)	16	ft·lb/in	ASTM D256
Unnotched Izod Impact (0.125 in)	No Break		ASTM D4812
Thermal			
Nominal Value Unit Test Method			
Deflection Temperature Under Load (66 psi, Unannealed)	197	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	125	°F	ASTM D648
Melting Temperature	330	°F	
Electrical			
Nominal Value Unit Test Method			
Surface Resistivity	2.0E+2	ohms	ASTM D257
Volume Resistivity	50	ohms·cm	ASTM D257

Notes
¹ Typical properties: these are not to be construed as specifications.
