

Electrafil® POM

Techmer Polymer Modifiers - Acetal (POM) Copolymer

General Information

General	
Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Filler
Features	• Conductive
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.45		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/10.0 kg)	2.0	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.018	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	8200	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	440000	psi	ASTM D790
Flexural Strength	13100	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (0.125 in)	0.60	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (264 psi, Unannealed)	225	°F	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	50	ohms	ASTM D257
Volume Resistivity	50	ohms·cm	ASTM D257
Additional Information	Nominal Value	Unit	Test Method
TPCI #	9961114		

Notes

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

