

HiFill® POM 0223 B

 Techmer Polymer Modifiers - *Acetal (POM) Copolymer*
General Information
General

Material Status	• Commercial: Active
Availability	• North America
Features	• Copolymer • High Specific Gravity • X-Ray Transparent
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	2.23		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.015	in/in	ASTM D955
Water Absorption (24 hr)	0.10	%	ASTM D570
Mechanical			
Tensile Strength (Yield)	6500	psi	ASTM D638
Tensile Elongation (Break)	1.0	%	ASTM D638
Flexural Modulus	330000	psi	ASTM D790
Flexural Strength	7000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	0.80	ft-lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	310	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	225	°F	ASTM D648
Electrical			
Volume Resistivity	1.0E+13 to 1.0E+14	ohms·cm	ASTM D257

