

HiFill® PA6 IM 0240

 Techmer Polymer Modifiers - *Polyamide 6*
General Information
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Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Filler
Additive	• Impact Modifier
Features	• High Impact Resistance • High Specific Gravity
Appearance	• Colors Available
Forms	• Pellets
Processing Method	• Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	2.40		ASTM D792
Molding Shrinkage - Flow (0.125 in)	5.0E-3	in/in	ASTM D955
Water Absorption (24 hr)	0.40	%	ASTM D570
Mechanical			
Tensile Strength (Yield)	8600	psi	ASTM D638
Tensile Elongation (Yield)	4.0	%	ASTM D638
Flexural Modulus	950000	psi	ASTM D790
Flexural Strength	14000	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	2.3	ft·lb/in	ASTM D256
Thermal			
Deflection Temperature Under Load (264 psi, Unannealed)	305	°F	ASTM D648

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