

**HiFill® PA6/6 0190**

Techmer Polymer Modifiers - Polyamide 66

**General**

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

**Properties <sup>1</sup>**

	Nominal Value	Unit	Test Method
<b>Physical</b>			
Density / Specific Gravity	1.90		ASTM D792
Molding Shrinkage - Flow (0.125 in)	0.013	in/in	ASTM D955
Water Absorption (24 hr)	0.35	%	ASTM D570
<b>Mechanical</b>			
Tensile Strength (Break)	10600	psi	ASTM D638
Tensile Elongation (Yield)	2.0	%	ASTM D638
Flexural Modulus	1.05E+6	psi	ASTM D790
Flexural Strength	15000	psi	ASTM D790
<b>Impact</b>			
Notched Izod Impact (73°F, 0.125 in)	0.90	ft·lb/in	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load (264 psi, Unannealed)	305	°F	ASTM D648

