

# HiFill® PA6/6 0190

Polyamide 66

Techmer Engineered Solutions

## Message:

HiFill® PA6/6 0190 is a Polyamide 66 (Nylon 66) product filled with filler. It can be processed by injection molding and is available in North America.

General Information			
Filler / Reinforcement	Filler		
Features	High Specific Gravity		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.90	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	1.3	%	ASTM D955
Water Absorption (24 hr)	0.35	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	73.1	MPa	ASTM D638
Tensile Elongation (Yield)	2.0	%	ASTM D638
Flexural Modulus	7240	MPa	ASTM D790
Flexural Strength	103	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	48	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	152	°C	ASTM D648

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## Recommended distributors for this material

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