

HiFill® PP 0096 S3

 Techmer Polymer Modifiers - *Polypropylene*
General Information
General

Material Status	<ul style="list-style-type: none"> Commercial: Active
Availability	<ul style="list-style-type: none"> North America
Filler / Reinforcement	<ul style="list-style-type: none"> Filler
Appearance	<ul style="list-style-type: none"> Colors Available
Forms	<ul style="list-style-type: none"> Pellets
Processing Method	<ul style="list-style-type: none"> Injection Molding

Properties ¹

	Nominal Value	Unit	Test Method
Physical			
Density / Specific Gravity	0.960		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Molding Shrinkage - Flow (0.125 in)	0.019	in/in	ASTM D955
Water Absorption (24 hr)	0.050	%	ASTM D570
Mechanical			
Tensile Strength (Yield)	4800	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	190000	psi	ASTM D790
Flexural Strength	5200	psi	ASTM D790
Impact			
Notched Izod Impact (73°F, 0.125 in)	0.50	ft·lb/in	ASTM D256
Hardness			
Rockwell Hardness (R-Scale)	120		ASTM D785
Thermal			
Deflection Temperature Under Load (66 psi, Unannealed)	240	°F	ASTM D648
Deflection Temperature Under Load (264 psi, Unannealed)	130	°F	ASTM D648
CLTE - Flow	1.9E-5	in/in/°F	ASTM D696

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