

**HiFill® PA6/6 GF17 IM L X BL098**

 Techmer Polymer Modifiers - *Polyamide 66*
**General Information**
**General**

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber, 17% Filler by Weight
Additive	• Impact Modifier
Features	• Impact Modified
Appearance	• Blue
Processing Method	• Injection Molding

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

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density / Specific Gravity	1.18 to 1.23		ASTM D792
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Modulus	800000	psi	ASTM D638
Tensile Strength (Yield)	14500	psi	ASTM D638
Tensile Strength (Break)	14000	psi	ASTM D638
Tensile Elongation (Break)	2.5	%	ASTM D638
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Notched Izod Impact (0.125 in)	1.5	ft·lb/in	ASTM D256

**Processing Information**

<b>Injection</b>	<b>Nominal Value</b>	<b>Unit</b>
Drying Temperature	170	°F
Drying Time	4.0	hr
Rear Temperature	520 to 550	°F
Middle Temperature	540 to 570	°F
Front Temperature	560 to 590	°F
Nozzle Temperature	560 to 590	°F
Processing (Melt) Temp	550 to 600	°F
Mold Temperature	180 to 250	°F
Injection Rate	Slow-Moderate	
Back Pressure	0.00 to 100	psi
Screw Speed	Slow-Moderate	

**Notes**

<sup>1</sup> Typical properties: these are not to be construed as specifications.

