# HiFill® PA6 0135 BL069

## Polyamide 6

## Techmer Engineered Solutions

#### Message:

HiFill® PA6 0135 BL069 is a Polyamide 6 (Nylon 6) product filled with 13% glass fiber. It can be processed by injection molding and is available in North America. Characteristics include: Heat Stabilizer Lubricated

Filler / Reinforcement   Glass Fiber.13% Filler by Weight     Additive   Heat Stabilizer Lubricant     Features   Heat Stabilized High Specific Gravity Lubricated     Appearance   Blue Colors Available Opaque     Forms   Pellets     Processing Method   Injection Molding     Physical   Nominal Value   Unit     Specific Gravity Lubricated   1.35   g/cm³     Motarg Shrinkage - Flow (3.18 mm)   0.60   %     Madrages   Nominal Value   Unit   Test Method     Rockwell Hardness (R-Scale)   1.15   Specific Gravity   ASTM D792     Madrages   Nominal Value   Unit   Test Method     Rockwell Hardness (R-Scale)   1.15   Specific Gravity   Specific Gravity     Tensile Strength (Yield)   89.6   MPa   ASTM D785     Mechanical   Nominal Value   Unit   Test Method     Tensile Strength (Yield)   89.6   MPa   ASTM D638     Flexural Modulus   4830   MPa   ASTM D790     Hardness   Mominal Value   Unit   Test Method     Nominal Value   Unit<	General Information					
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Features   Heat Stabilized     High Specific Gravity   Lubricated     Appearance   Ble     Ciors Available   Dague     Drogague   Pellets     Forms   Pellets     Processing Method   Injection Molding     Physical   Normal Value   Init Composition     Molding Shrinkage - Flow (318 mm)   0.60 cm   Specific Gravity     Molding Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mording Shrinkage - Flow (318 mm)   0.60 cm   %1 cm     Mordina Value   Norma Value   Norma Value   ASTM D785     Mordina Value   Marcia   ASTM D785   Minol Value     Floward Modulus	Additive	Heat Stabilizer				
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Thermal Nominal Value Unit Test Method   Deflection Temperature Under Load  ASTM D648	Impact	Nominal Value	Unit	Test Method		
Deflection Temperature Under Load ASTM D648	Notched Izod Impact (23°C, 3.18 mm)	53	J/m	ASTM D256		
	Thermal	Nominal Value	Unit	Test Method		
0.45 MPa Upappalad 216 °C	Deflection Temperature Under Load			ASTM D648		
0.45 Ivira, Onannealeu 210 C	0.45 MPa, Unannealed	216	°C			

1.8 MPa, Unannealed	199	°C	
CLTE - Flow	3.2E-5	cm/cm/°C	ASTM D696
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+15	ohms·cm	ASTM D257
Dielectric Strength <sup>1</sup>	17	kV/mm	ASTM D149
NOTE			
1.	Method A (Short-Time)		

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