

# HiFill® PS GL30

General Purpose Polystyrene

Techmer Engineered Solutions

## Message:

HiFill® PS GL30 is a General Purpose Polystyrene product filled with glass fiber. It can be processed by injection molding and is available in North America. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber		
Appearance	Colors Available		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.24	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.2	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	3380	MPa	ASTM D790
Flexural Strength	68.3	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	21	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	7.2E-6	cm/cm/°C	ASTM D696
Flammability	Nominal Value	Test Method	
Flame Rating (1.57 mm)	HB	UL 94	

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## Recommended distributors for this material

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