

HiFill® PS GL30

Techmer Polymer Modifiers - *General Purpose Polystyrene*

General Information

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Glass Fiber
Appearance	• Colors Available
Processing Method	• Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.24		ASTM D792
Molding Shrinkage - Flow (0.125 in)	5.0E-3	in/in	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	5100	psi	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	490000	psi	ASTM D790
Flexural Strength	9900	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F, 0.125 in)	0.40	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
CLTE - Flow	4.0E-6	in/in/°F	ASTM D696
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.06 in)	HB		UL 94

Notes

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

