

# Generic PS (HIPS) - Glass Fiber

High Impact Polystyrene

Generic

## Message:

This data represents typical values that have been calculated from all products classified as: Generic PS (HIPS) - Glass Fiber  
This information is provided for comparative purposes only.

General Information			
Filler / Reinforcement	Glass Fiber		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.17 to 1.18	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (23°C)	0.20 to 0.26	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	51.0 to 89.6	MPa	ASTM D638
Flexural Modulus (23°C)	3790 to 11400	MPa	ASTM D790
Flexural Strength (23°C)	88.7 to 98.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	36 to 65	J/m	ASTM D256
Unnotched Izod Impact (23°C)	150 to 210	J/m	ASTM D256

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## Recommended distributors for this material

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