

# Premi-Glas® 1206 LD

Thermoset, Unspecified

Premix, Inc.

## Message:

Premi-Glas® 1206 LD is a fiberglass reinforced thermoset sheet molding compound for transportation or structural and semi-structural applications where good surface appearance, high strength, and durability are required in a low density composite.

General Information			
Filler / Reinforcement	Glass Fiber,38% Filler by Weight		
Features	Durable		
	Good Surface Finish		
	High Strength		
Uses	Structural Parts		
Forms	SMC - Sheet Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.50	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.025	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	8500	MPa	ASTM D638
Tensile Strength	100	MPa	ASTM D638
Tensile Elongation (Break)	1.9	%	ASTM D638
Flexural Modulus	8000	MPa	ASTM D790
Flexural Strength	220	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1100	J/m	ASTM D256
Unnotched Izod Impact	1500	J/m	ASTM D256
Injection	Nominal Value	Unit	
Mold Temperature	150	°C	
Injection Pressure	3.50 to 6.50	MPa	

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## Recommended distributors for this material

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