

# Premi-Glas® 2208-CR-SX

Thermoset, Unspecified

Premix, Inc.

## Message:

Premi-Glas® 2208-CR-SX is a fiberglass reinforced thermoset sheet molding compound for electrical and flame retardant applications.

Good dimensional stability, including excellent thermal resistance.

Pigmentable for molded-in color; best appearance with mold texture.

UL Recognized, File # E42524.

Halogen-free flame retardant technology.

General Information			
Filler / Reinforcement	Glass Fiber		
Additive	Flame Retardant		
Features	Flame Retardant		
	Good Colorability		
	Good Dimensional Stability		
	Halogen Free		
	Medium Heat Resistance		
Uses	Electrical/Electronic Applications		
UL File Number	E42524		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	
Specific Gravity	1.85	g/cm <sup>3</sup>	
Molding Shrinkage - Flow	0.020 to 0.15	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus (Compression Molded)	13100	MPa	ASTM D638
Tensile Strength (Compression Molded)	82.7	MPa	ASTM D638
Flexural Modulus (Compression Molded)	9650	MPa	ASTM D790
Flexural Strength (Compression Molded)	200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (Compression Molded)	850	J/m	ASTM D256
Unnotched Izod Impact (Compression Molded)	1200	J/m	ASTM D4812
Thermal	Nominal Value	Unit	Test Method
RTI Elec	130	°C	UL 746
RTI Imp	130	°C	UL 746
RTI Str	130	°C	UL 746
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	15	kV/mm	ASTM D149

Arc Resistance	> 180	sec	ASTM D495
Comparative Tracking Index	600	V	ASTM D2303
Flammability	Nominal Value	Unit	Test Method
	V-0		

Flame Rating (1.52 mm)	5VA		UL 94
Injection	Nominal Value	Unit	
Mold Temperature	149	°C	
Injection Pressure	3.45 to 6.89	MPa	

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#### Recommended distributors for this material

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