

Premi-Glas® 1201-20

Thermoset, Unspecified

Premix, Inc.

Message:

Premi-Glas® 1201-20 is a fiberglass reinforced thermoset sheet molding compound for sanitary ware applications such as shower bases and surrounds, bathtubs, and vanity tops.

General Information			
Filler / Reinforcement	Glass Fiber		
Features	Good Dimensional Stability		
	High Gloss		
Appearance	Bone		
	White		
Forms	SMC - Sheet Molding Compound		
Processing Method	Compression Molding		
Physical	Nominal Value	Unit	
Specific Gravity	1.76	g/cm ³	
Molding Shrinkage - Flow	0.20	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	10000	MPa	ASTM D638
Tensile Strength	45.0	MPa	ASTM D638
Flexural Modulus	10000	MPa	ASTM D790
Flexural Strength	128	MPa	ASTM D790
Poisson's Ratio	0.30		
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530	J/m	ASTM D256
Unnotched Izod Impact	700	J/m	ASTM D256
Thermal	Nominal Value	Unit	
CLTE			
Flow ¹	2.5E-5	cm/cm/°C	
Transverse ²	3.5E-5	cm/cm/°C	
Thermal Conductivity	0.30	W/m/K	
Flammability	Nominal Value	Test Method	
Flame Resistance (3.00 mm)	Pass	ANSI Z124.2	
Stain Resistance	Pass	ANSI Z124.2	
Injection	Nominal Value	Unit	
Mold Temperature	150	°C	
Injection Pressure	3.50 to 6.50	MPa	

NOTE

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| 1. | XY Direction |
| 2. | Z Direction |

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