

# Haysite SMC 43000

Thermoset Polyester

Haysite Reinforced Plastics

## Message:

Haysite SMC 43000 is a Thermoset Polyester product filled with 22% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,22% Filler by Weight		
UL File Number	E27875		
Forms	SMC - Sheet Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.78	g/cm <sup>3</sup>	
Molding Shrinkage - Flow	0.15	%	
Water Absorption (Equilibrium)	0.20	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	68.9	MPa	ASTM D638
Flexural Strength	172	MPa	ASTM D790
Compressive Strength	103	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	800	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength <sup>1</sup> (Oil)	15	kV/mm	ASTM D149
Dielectric Constant (60 Hz)	0.0460		ASTM D150
Dissipation Factor (60 Hz)	3.0E-3		ASTM D150
Arc Resistance	140	sec	ASTM D495
Additional Information	Nominal Value	Unit	
Temperature Rating	130	°C	
NOTE			
1.	Method A (Short-Time)		

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## Recommended distributors for this material

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