

Haysite BMC 18600

Thermoset Polyester

Haysite Reinforced Plastics

Message:

Haysite BMC 18600 is a Thermoset Polyester product filled with 15% glass fiber. It is available in North America.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
UL File Number	E27875		
Forms	BMC - Bulk Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.86	g/cm ³	
Molding Shrinkage - Flow	0.22	%	
Water Absorption (Equilibrium)	0.11	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	43.4	MPa	ASTM D638
Flexural Strength	96.5	MPa	ASTM D790
Compressive Strength	103	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	210	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ¹ (Oil)	16	kV/mm	ASTM D149
Dielectric Constant (60 Hz)	0.0850		ASTM D150
Dissipation Factor (60 Hz)	0.067		ASTM D150
Arc Resistance	188	sec	ASTM D495
Additional Information	Nominal Value	Unit	
Temperature Rating	180	°C	
NOTE			
1.	Method A (Short-Time)		

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Recommended distributors for this material

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