

Haysite BMC 14100

Thermoset Polyester
Haysite Reinforced Plastics

Message:

Haysite BMC 14100 is a Thermoset Polyester product filled with 15% glass fiber. It is available in North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E27875-230533		
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
UL File Number	E27872		
	E27875		
Forms	BMC - Bulk Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.89	g/cm³	
Molding Shrinkage - Flow	0.050 to 0.10	%	
Water Absorption (Equilibrium)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	41.4	MPa	ASTM D638
Flexural Strength	86.2	MPa	ASTM D790
Compressive Strength	89.6	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	190	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength ¹ (Oil)	16	kV/mm	ASTM D149
Dielectric Constant (60 Hz)	0.0500		ASTM D150
Dissipation Factor (60 Hz)	0.033		ASTM D150
Arc Resistance	192	sec	ASTM D495
Inclined-Plane Tracking	600	min	ASTM D2303
Flammability	Nominal Value	Unit	Test Method
Flame Rating	V-0		UL 94
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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