

Haysite BMC 20000

Thermoset Polyester
Haysite Reinforced Plastics

Message:
Haysite BMC 20000 is a Thermoset Polyester product filled with 15% glass fiber. It is available in North America. Primary characteristic: flame rated.

General Information			
UL YellowCard	E27875-230536		
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	1.95	g/cm³	
Molding Shrinkage - Flow	0.25	%	
Water Absorption (Equilibrium)	0.10	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	44.8	MPa	ASTM D638
Flexural Strength	103	MPa	ASTM D790
Compressive Strength	89.6	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)	0.0550		ASTM D150
Dissipation Factor (60 Hz)	0.029		ASTM D150
Arc Resistance	190	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

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

