

BMC 845

Vinyl Ester

Bulk Molding Compounds, Inc.

Message:

BMC 845 is designed for use in PEM type fuel cell applications such as end plates and manifolds. It is a corrosion resistant product that shows outstanding creep resistance and compressive creep at elevated temperatures. It can be easily injection compression molded or compression molded depending on the applications requirements. This product is available in bulk and extruded forms.

General Information			
Features	Good corrosion resistance Good creep resistance		
Appearance	Natural color		
Forms	Particle		
Processing Method	Compression molding Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.80	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.0	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	13800	MPa	ASTM D790
Flexural Strength	138	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	370	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	260	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Additional Information			

Compressive Creep, 3000 psi, 1000 hr: 2%

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Recommended distributors for this material

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