BMC 840-7466

Vinyl Ester

Bulk Molding Compounds, Inc.

Message:

BMC 840-7466 is a Vinyl Ester product, which contains a 25% glass fiber reinforced material. It is available in North America. The application areas of BMC 840-7466 include housing, engineering/industrial accessories, automotive industry and coating applications.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Uses	Protective cover		
	Pump parts		
	Parts under the hood of a car		
	Shell		
Forms	BMC-Block Molding Compound		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.43	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.21	%	ASTM D955
Water Absorption (24 hr)	0.14	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	33.5	MPa	ASTM D638
Flexural Modulus - Secant (0.500 mm)	9910	MPa	ASTM D790
Flexural Strength	90.7	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	230	J/m	ASTM D256
Instrumented Dart Impact (Total Energy)	5.80	J	ASTM D3763
Thermal	Nominal Value	Unit	Test Method
Glass Transition Temperature	200	°C	ASTM E1356

Additional Information

Flexural Modulus, ASTM D790, Secant @ 2.5mm: Sample BreaksFlexural Modulus, ASTM D790,150°C: 7500 MPaInstrumented Dart Impact, ASTM D3763, Max Load: 858 NInstrumented Dart Impact, ASTM D3763, Deflection to Max Load: 5.2 mmInstrumented Dart Impact, ASTM D3763, Energy to Max Load: 3.2 J

Recommended distributors for this material

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WECHAT