BMC 840-6558

Vinyl Ester

Bulk Molding Compounds, Inc.

Message:

BMC 840-6558 is a Vinyl Ester product, which contains a 24% glass fiber reinforced material. It is available in North America. The application areas of BMC 840-6558 include housing, engineering/industrial accessories, automotive industry and coating applications.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 24% 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	1.91	g/cm³	ASTM D792
Molding Shrinkage - Flow	0.19	%	ASTM D955
Water Absorption (24 hr)	0.18	%	ASTM D570
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength	28.6	MPa	ASTM D638
Flexural Modulus - Secant (0.500 mm)	11800	MPa	ASTM D790
Flexural Strength	91.6	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Unnotched Izod Impact	190	J/m	ASTM D256
Instrumented Dart Impact (Total Energy)	6.50	J	ASTM D3763
Thermal	**Nominal Value**	**Unit**	**Test Method**
Glass Transition Temperature	191	°C	ASTM E1356

Additional Information

Flexural Modulus, ASTM D790, Secant @ 2.5mm: Sample BreaksFlexural Modulus, ASTM D790,150°C: 7505 MPaInstrumented Dart Impact, ASTM D3763, Max Load: 993 NInstrumented Dart Impact, ASTM D3763, Deflection to Max Load: 4.8 mmInstrumented Dart Impact, ASTM D3763, Energy to Max Load: 3.5 J

Recommended distributors for this material

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