

# 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/cm <sup>3</sup>	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## 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

