

BMC A50-EG

Thermoset Polyester
Bulk Molding Compounds, Inc.

Message:

BMC A50-EG is a thermosetting polyester product. It is available in North America. Typical application areas are: electrical appliances. The main characteristics are: flame retardant/rated flame.

General Information			
Uses	Electrical appliances		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.65	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.17 - 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	48		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	55.8	MPa	ASTM D638
Flexural Modulus	5380	MPa	ASTM D790
Flexural Strength (Yield)	109	MPa	ASTM D790
Compressive Strength	128	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	320	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	16	kV/mm	ASTM D149
Arc Resistance	188	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.52 mm	HB		UL 94
2.22 mm	HB		UL 94
3.11 mm	HB		UL 94
Additional Information			
Barcol Hardness, ASTM D2583: 45 to 50UL Flame Rating, UL 94, 0.058 to 0.062 in: HBUL Flame Rating, UL 94, 0.075 to 0.1 in: HBUL Flame Rating, UL 94, 0.120 to 0.125 in: HB			
NOTE			
1.	Type 1		

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

