

# BMC T70-7003(H65)

Thermoset Polyester  
Bulk Molding Compounds, Inc.

Message:

BMC T70-7003(H65) is a thermosetting polyester product. It is available in North America. The application areas of BMC T70-7003(H65) include the housing and automobile industries. The main characteristics are: flame retardant/rated flame.

General Information			
Uses	Application in Automobile Field		
	Shell		
Appearance	Grey		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.97	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.0 - 0.60	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	55		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	67.1	MPa	ASTM D638
Flexural Modulus	12400	MPa	ASTM D790
Flexural Strength (Yield)	155	MPa	ASTM D790
Compressive Strength	150	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	270	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	15	kV/mm	ASTM D149
Arc Resistance	184	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: 54 to 56UL 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		

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Recommended distributors for this material

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