

BMC T10(14)

Thermoset Polyester
Bulk Molding Compounds, Inc.

Message:

BMC T10(14) is a thermosetting polyester product. It is available in North America. Typical application areas are: electrical/electronic applications. The main characteristics are: flame retardant/rated flame.

General Information			
Features	General		
Uses	Electrical/Electronic Applications		
	General		
Appearance	Natural color		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.97	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.17 - 0.22	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	35		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	64.3	MPa	ASTM D638
Flexural Modulus	9650	MPa	ASTM D790
Flexural Strength (Yield)	130	MPa	ASTM D790
Compressive Strength	176	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	330	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	15	kV/mm	ASTM D149
Arc Resistance	181	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: 30 to 40UL 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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