

BMC T15(GPS)

Thermoset Polyester
Bulk Molding Compounds, Inc.

Message:

BMC T15(GPS) 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			
Uses	Electrical/Electronic Applications		
Appearance	Available colors		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.89	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	33		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	45.1	MPa	ASTM D638
Flexural Modulus	12400	MPa	ASTM D790
Flexural Strength (Yield)	178	MPa	ASTM D790
Compressive Strength	126	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	470	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	15	kV/mm	ASTM D149
Arc Resistance	183	sec	ASTM D495
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
1.52 mm	V-0		UL 94
2.22 mm	V-0		UL 94
3.11 mm	V-0		UL 94
Additional Information			
Barcol Hardness, ASTM D2583: 30 to 35UL Flame Rating, UL 94, 0.058 to 0.062 in: V-0UL Flame Rating, UL 94, 0.075 to 0.1 in: V-0UL Flame Rating, UL 94, 0.120 to 0.125 in: V-0			
NOTE			
1.	Type 1		

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