

# BMC T15(GP)

Thermoset Polyester  
Bulk Molding Compounds, Inc.

Message:

BMC T15(GP) 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	1.93	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	48		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	65.5	MPa	ASTM D638
Flexural Modulus	11700	MPa	ASTM D790
Flexural Strength (Yield)	130	MPa	ASTM D790
Compressive Strength	142	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	14	kV/mm	ASTM D149
Arc Resistance	185	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: 45 to 50UL 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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