

BMC T40(25)-XHS

Thermoset Polyester
Bulk Molding Compounds, Inc.

Message:

BMC T40(25)-XHS is a thermosetting polyester product. It is available in North America. Typical application areas are: electrical/electronic applications.
Features include:
flame retardant/rated flame
high strength

General Information			
Features	High strength		
Uses	Electrical/Electronic Applications		
Appearance	Black		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.79	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.30	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	45		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	72.4	MPa	ASTM D638
Flexural Modulus	14500	MPa	ASTM D790
Flexural Strength (Yield)	252	MPa	ASTM D790
Compressive Strength	145	MPa	ASTM D695
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact	800	J/m	ASTM D256
Electrical	Nominal Value	Unit	Test Method
Dielectric Strength	14	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
3.11 mm	5V		UL 94
Additional Information			
Barcol Hardness, ASTM D2583: 40 to 50UL Flame Rating, UL 94, 0.058 to 0.062 in: V-0UL Flame Rating, UL 94, 0.120 to 0.125 in: 5-V			
NOTE			
1.	Type 1		

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