

Technical Data Sheet

Bmc T10(14)

Thermoset Polyester
LyondellBasell Industries
Engineering Plastics

General	
Features	• General Purpose
Uses	• Electrical/Electronic Applications • General Purpose
Appearance	• Natural Color
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.97	1.97 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	9330 psi	64.3 MPa	ASTM D638
Flexural Modulus	1.40E+6 psi	9650 MPa	ASTM D790
Flexural Strength (Yield)	18800 psi	130 MPa	ASTM D790
Compressive Strength	25600 psi	176 MPa	ASTM D695
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Unnotched Izod Impact	6.2 ft·lb/in	330 J/m	ASTM D4812
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Barcol Hardness	35	35	ASTM D2583
Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Dielectric Strength	380 V/mil	15 kV/mm	ASTM D149
Arc Resistance	181 sec	181 sec	ASTM D495
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	HB	HB	
0.09 In (2.2 Mm)	HB	HB	
0.12 In (3.1 Mm)	HB	HB	

Additional Information	
Barcol Hardness, ASTM D2583: 30 to 40	
UL Flame Rating, UL 94, 0.058 to 0.062 in: HB	
UL Flame Rating, UL 94, 0.075 to 0.1 in: HB	
UL Flame Rating, UL 94, 0.120 to 0.125 in: HB	

Notes
¹ Type I

Notes
These are typical property values not to be construed as specification limits.