

Technical Data Sheet

Bmc T60-6009

Thermoset Polyester
LyondellBasell Industries
Engineering Plastics

General

Features	• Wear Resistant
Uses	• Electrical/Electronic Applications
Appearance	• Black
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.62	1.62 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	5500 psi	37.9 MPa	ASTM D638
Flexural Modulus	650000 psi	4480 MPa	ASTM D790
Flexural Strength (Yield)	10500 psi	72.4 MPa	ASTM D790
Compressive Strength	15800 psi	109 MPa	ASTM D695

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Unnotched Izod Impact	4.0 ft·lb/in	210 J/m	ASTM D4812

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Barcol Hardness	7.5	7.5	ASTM D2583

Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Dielectric Strength	360 V/mil	14 kV/mm	ASTM D149
Arc Resistance	190 sec	190 sec	ASTM D495

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.06 In (1.5 Mm)	V-0	V-0	
0.12 In (3.1 Mm)	V-0	V-0	

Additional Information

Barcol Hardness, ASTM D2583: 5 to 10
 UL Flame Rating, UL 94, 0.058 to 0.062 in: V-0
 UL Flame Rating, UL 94, 0.120 to 0.125 in: V-0

Notes

¹ Type I

Notes

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