

Technical Data Sheet

Bmc T60-6006

Thermoset Polyester
LyondellBasell Industries
Engineering Plastics

General	
Features	<ul style="list-style-type: none"> Wear Resistant
Uses	<ul style="list-style-type: none"> Electrical/Electronic Applications
Appearance	<ul style="list-style-type: none"> Black
Forms	<ul style="list-style-type: none"> Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.61	1.61 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	5520 psi	38.1 MPa	ASTM D638
Flexural Modulus	630000 psi	4340 MPa	ASTM D790
Flexural Strength (Yield)	9780 psi	67.4 MPa	ASTM D790
Compressive Strength	14300 psi	98.9 MPa	ASTM D695

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Unnotched Izod Impact	3.3 ft·lb/in	180 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	185 sec	185 sec	ASTM D495

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating			UL 94
0.09 In (2.2 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, 0.075 to 0.1 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.