

Technical Data Sheet

# Bmc T60-6002-WG-(15)

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	1.72	1.72 g/cm <sup>3</sup>	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>1</sup> (Yield)	7610 psi	52.5 MPa	ASTM D638
Flexural Modulus	1.80E+6 psi	12400 MPa	ASTM D790
Flexural Strength (Yield)	26700 psi	184 MPa	ASTM D790
Compressive Strength	14800 psi	102 MPa	ASTM D695

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Unnotched Izod Impact	7.2 ft·lb/in	380 J/m	ASTM D4812

Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Barcol Hardness	23	23	ASTM D2583

Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Dielectric Strength	390 V/mil	15 kV/mm	ASTM D149
Arc Resistance	188 sec	188 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: 20 to 25	
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**  
<sup>1</sup> Type I

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