

Technical Data Sheet

**Bmc A20-(a)**

Thermoset Polyester  
LyondellBasell Industries  
Engineering Plastics

General	
Uses	• Bathroom Accessories
Appearance	• Black
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.80	1.80 g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>1</sup> (Yield)	7410 psi	51.1 MPa	ASTM D638
Flexural Modulus	1.50E+6 psi	10300 MPa	ASTM D790
Flexural Strength (Yield)	20000 psi	138 MPa	ASTM D790
Compressive Strength	17000 psi	117 MPa	ASTM D695
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Unnotched Izod Impact	11 ft·lb/in	610 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	187 sec	187 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: 30 to 40	
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.