

Technical Data Sheet

Bmc A30-3021

Thermoset Polyester
LyondellBasell Industries
Engineering Plastics

General	
Uses	• Bathroom Accessories
Appearance	• White
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.94	1.94 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	5840 psi	40.3 MPa	ASTM D638
Flexural Modulus	1.10E+6 psi	7580 MPa	ASTM D790
Flexural Strength (Yield)	14000 psi	96.5 MPa	ASTM D790
Compressive Strength	15500 psi	107 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	35	35	ASTM D2583

Electrical	Nominal Value (English)	Nominal Value (SI)	Test Method
Dielectric Strength	300 V/mil	12 kV/mm	ASTM D149
Arc Resistance	180 sec	180 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.