

Technical Data Sheet

# Bmc 810

Thermoset Polyester  
LyondellBasell Industries  
Engineering Plastics

General	
Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Features	• Good Impact Resistance
Forms	• Pellets

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.75	1.74 g/cm <sup>3</sup>	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	6000 psi	41.4 MPa	ASTM D638
Flexural Modulus	1.80E+6 psi	12400 MPa	ASTM D790
Flexural Strength (Yield)	16000 psi	110 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	8.0 ft·lb/in	430 J/m	ASTM D256
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Barcol Hardness	40	40	ASTM D2583
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating	HB	HB	UL 94

**Notes**

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