

Technical Data Sheet

**Primolac V620GP**

Acrylonitrile Butadiene Styrene
LyondellBasell Industries
Engineering Plastics

Product Description

General Purpose Acrylonitrile Butadiene Styrene

Colors Available

Meets GMP.ABS.001, GMP.ABS.002, MS-DB196

General

Material Status	• Commercial: Active
Availability	• North America
Features	• General Purpose
Uses	• General Purpose
Automotive Specifications	• CHRYSLER MS-DB-196
Appearance	• Colors Available

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.05	1.05 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	3.0 g/10 min	3.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	6200 psi	42.7 MPa	ASTM D638
Tensile Elongation (Break)	> 30 %	> 30 %	ASTM D638
Flexural Modulus	350000 psi	2410 MPa	ASTM D790
Flexural Strength	10500 psi	72.4 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact 73°F (23°C), 0.125 in (3.18 mm)	3.5 ft-lb/in	190 J/m	ASTM D256
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load 264 psi (1.8 MPa), Unannealed	185 °F	85.0 °C	ASTM D648

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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Page: 1 of 2
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www.lyondellbasell.com
Publish Date: 2024-03-14

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