

Technical Data Sheet

**Invision GX 5055-G3U1-3120 black**

Styrene Ethylene Butylene Styrene Block Copolymer
LyondellBasell Industries
Engineering Plastics

Product Description

Styrenic Polyolefin Thermoplastic Elastomer; Injection Molding Grade

General

Material Status	• Commercial: Active		
Availability	• Africa & Middle East • Asia Pacific	• Europe • Latin America	• North America
Processing Method	• Injection Molding		
Resin ID (ISO 1043)	• SEBS		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.980 g/cm ³	0.980 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Modulus			ASTM D638
100% Secant	247 psi	1.70 MPa	
300% Secant	363 psi	2.50 MPa	
Tensile Strength	725 psi	5.00 MPa	ASTM D638
Tensile Elongation (Break)	720 %	720 %	ASTM D638
Tear Strength - without notch	140 lbf/in	25.0 kN/m	ASTM D624
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 15 sec)	55	55	ASTM D2240

Additional Information

Experimental Grade

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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