

Technical Data Sheet

**Invision GX 5080G2F**

Thermoplastic Elastomer
LyondellBasell Industries
Engineering Plastics

Product Description

TPE Styrenic Rubber

General

Material Status	• Commercial: Active
Availability	• North America
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.950 g/cm ³	0.950 g/cm ³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	1040 psi	7.20 MPa	ISO 527-2/500
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ¹	131 lbf/in	23.0 kN/m	ISO 34-1
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore A, 15 sec)	82	82	ISO 868
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 sec ⁻¹)	180 Pa·s	180 Pa·s	ASTM D3835

Notes

¹ 20 in/min (500 mm/min)

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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