

Technical Data Sheet

Invision GX 5055G2F-3120 BLACK



Thermoplastic Elastomer

Product Description

Invision™ GX 5055G2 is a styrenic thermoplastic elastomer of 55 Shore A durometer, which has been formulated for superior injection molding processability, elasticity, and resiliency. It is targeted for applications requiring a material with the following properties:

Regulatory Status

For regulatory compliance information, see *Invision* GX 5055G2F-3120 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	0.940	g/cm ³	ISO 1183
Mechanical			
Tensile Strength at Break	4.5	MPa	ASTM D638
Tensile Elongation at Break	>500	%	ASTM D638
Tensile Modulus, (100% Secant)	2.10	MPa	ASTM D638
Tear Strength	26.3	kN/m	ASTM D624
Hardness			
Durometer Hardness, (Shore A, 15 sec)	55		ASTM D2240
Additional Information			
Compression Set, (23 °C, 22 hr)	18	%	ASTM D395

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.

Company Information

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

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