

Invision GX 5055G2F-3120 BLACK

LyondellBasell Industries - Thermoplastic Elastomer

General Information

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:

General

Processing Method • Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.940	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - 100% Secant	305	psi	ASTM D638
Tensile Strength (Break)	653	psi	ASTM D638
Tensile Elongation (Break)	> 500	%	ASTM D638
Elastomers	Nominal Value	Unit	Test Method
Tear Strength	150	lbf/in	ASTM D624
Compression Set (73°F, 22 hr)	18	%	ASTM D395
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	55		ASTM D2240