

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:

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