

**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

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density, (Method A)	0.940	g/cm <sup>3</sup>	ISO 1183
<b>Mechanical</b>			
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
<b>Hardness</b>			
Durometer Hardness, (Shore A, 15 sec)	55		ASTM D2240
<b>Additional Information</b>			
Compression Set, (23 °C, 22 hr)	18	%	ASTM D395