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Technical Data Sheet

INVISION™ GX 5058G6

Thermoplastic Elastomer
Engineering Plastics

Product Description
TPE Styrenic Rubber

General	
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	1.15 g/cm³	1.15 g/cm³	ISO 1183
Mechanical	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tensile Stress (100% Strain)	479 psi	3.30 MPa	ISO 527-2/500
Elastomers	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Tear Strength [1]	130 lbf/in	23 kN/m	ISO 34-1
Hardness	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Shore Hardness (Shore A, 15 sec)	57	57	ISO 868
Fill Analysis	**Nominal Value (English)**	**Nominal Value (SI)**	**Test Method**
Melt Viscosity (392°F (200°C), 243 sec^-1)	172 Pa·s	172 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.