

Technical Data Sheet
INVISION™ GX 5187G3
Thermoplastic Elastomer
Engineering Plastics



Product Description

Extrusion TPE Styrenic Rubber

General

Processing Method • Extrusion

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.970 g/cm³	0.970 g/cm³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (Yield)	1890 psi	13.0 MPa	ISO 527-2/500
Tensile Strain (Break)	700 %	700 %	ISO 527-2/500
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ¹	340 lbf/in	60 kN/m	ISO 34-1
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore D, 15 sec)	86	86	ISO 868
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 sec ⁻¹)	270 Pa·s	270 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.