

Technical Data Sheet
INVISION™ VX 5060UI
Thermoplastic Vulcanizate
Engineering Plastics



Product Description

TPV Partially Crosslinked EPDM Rubber

General

Automotive Specifications	• GM GMPE/P.115
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.910 g/cm³	0.910 g/cm³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	595 psi	4.10 MPa	ISO 527-2/500
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ¹	140 lbf/in	25 kN/m	ISO 34-1
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore A, 15 sec)	60	60	ISO 868
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 sec ⁻¹)	165 Pa·s	165 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.

