

Technical Data Sheet

Invision VX 5075UI

Thermoplastic Vulcanizate

LyondellBasell Industries

Engineering Plastics

Product Description

TPV Partially Crosslinked EPDM Rubber

General

- Automotive Specifications
 - FORD WSS-M2D510-A7
 - GM GMP.E/P.118
- Processing Method
 - Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.880 g/cm ³	0.880 g/cm ³	ISO 1183
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	827 psi	5.70 MPa	ISO 527-2/500
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ¹	200 lbf/in	35.0 kN/m	ISO 34-1
Compression Set			ASTM D395
73°F (23°C), 22 Hr	6.6 %	6.6 %	
158°F (70°C), 22 Hr	40 %	40 %	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness (Shore A, 15 Sec)	75	75	ISO 868
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 Sec ⁻¹)	148 Pa·s	148 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.