

Technical Data Sheet

Invision VX 5085UIA EP

Thermoplastic Vulcanizate
LyondellBasell Industries
Engineering Plastics

Product Description

TPV Partially Crosslinked EPDM Rubber

General

Processing Method • Injection Molding • Multi Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.890 g/cm³	0.890 g/cm³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain, 73°F (23°C))	1160 psi	8.00 MPa	ISO 527-2/1A/500
Tensile Strain (Break, 73°F (23°C))	600 %	600 %	ISO 527-2/1A/500
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness			ISO 868
Shore A, 15 Sec, 73°F (23°C)	85	85	
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 Sec⁻¹)	100 Pa·s	100 Pa·s	ASTM D3835

Notes

These are typical property values not to be construed as specification limits.