

Technical Data Sheet
INVISION™ VX 5065UIA
MNA
Thermoplastic Vulcanizate
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	0.880 g/cm³	0.880 g/cm³	ISO 1183/A
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain, 73°F (23°C))	689 psi	4.75 MPa	ISO 527-2/1A/500
Tensile Strain (Break, 73°F (23°C))	450 %	450 %	ISO 527-2/1A/500
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tear Strength ¹ (73°F (23°C))	150 lbf/in	27 kN/m	ISO 34-1
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Shore Hardness			ISO 868
Shore A, 15 sec, 73°F (23°C)	70	70	
Fill Analysis	Nominal Value (English)	Nominal Value (SI)	Test Method
Melt Viscosity (392°F (200°C), 243 sec ⁻¹)	210 Pa·s	210 Pa·s	ASTM D3835

Notes

¹ Method Ba, Angle (Unnicked), 20 in/min (500 mm/min)

Notes

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