

Invision VX 5090UI-01 NATURAL

LyondellBasell Industries - Thermoplastic Vulcanizate

General Information

Product Description

TPV Partially Crosslinked EPDM Rubber

General

Processing Method • Injection Molding

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/A
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	812	psi	ISO 527-1/1A/500
Tensile Stress (100% Strain, 73°F)	1220	psi	ISO 527-2/1A/500
Elastomers	Nominal Value	Unit	Test Method
Tear Strength ² (73°F)	297	lb/in	ISO 34-1
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore A, 15 sec, 73°F)	90		ISO 868
Fill Analysis	Nominal Value	Unit	Test Method
Melt Viscosity (392°F, 243 sec ⁻¹)	120	Pa·s	ASTM D3835

Notes

¹ Typical properties: these are not to be construed as specifications.

² Method Ba, Angle (Unnicked), 20 in/min