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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.