

Technical Data Sheet

Invision TX 5273

Thermoplastic Vulcanizate
LyondellBasell Industries
Engineering Plastics

Product Description

TPV Fully Crosslinked EPDM Rubber

General

Processing Method	• Blow Molding • Coextrusion	• Injection Molding • Profile Extrusion
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Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.960	0.958 g/cm ³	ASTM D792
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress (100% Strain)	450 psi	3.10 MPa	ASTM D412
Tensile Strength (Break)	1130 psi	7.80 MPa	ASTM D412
Tensile Elongation (Break)	> 410 %	> 410 %	ASTM D412
Tear Strength	268 lbf/in	47.0 kN/m	ASTM D624
Compression Set			ASTM D395 B
73°F (23°C), 22 Hr	22 %	22 %	
158°F (70°C), 22 Hr	29 %	29 %	
257°F (125°C), 70 Hr	47 %	47 %	
Hardness	Nominal Value (English)	Nominal Value (SI)	Test Method
Durometer Hardness (Shore A, 5 Sec)	75	75	ASTM D2240
Aging	Nominal Value (English)	Nominal Value (SI)	Test Method
Change in Volume			ASTM D471
257°F (125°C), 70 Hr, In Astm #3 Oil	69 %	69 %	

Notes

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