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Technical Data Sheet

Invision TX 5273-01 NATURAL



Thermoplastic Vulcanizate

Product Description

TPV Fully Crosslinked EPDM Rubber

Processing Method

Blow Molding; Coextrusion; Injection Molding; Profile Extrusion

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.958	g/cm ³	ASTM D792
Change in Volume, (in ASTM #3 Oil, 125 °C, 70 hr)	69	%	ASTM D471
Mechanical			
Tensile Stress at 100%	3.10	MPa	ASTM D412
Tensile Strength at Break	7.80	MPa	ASTM D412
Tensile Elongation at Break	>410	%	ASTM D412
Tear Strength	47.0	kN/m	ASTM D624
Hardness			
Durometer Hardness, (Shore A, 5 sec)	75		ASTM D2240
Additional Information			
Compression Set			
(70 °C, 22 hr)	29	%	ASTM D395 B
(23 °C, 22 hr)	22	%	ASTM D395 B
(125 °C, 70 hr)	47	%	ASTM D395 B