

Technical Data Sheet
INVISION™ TX 5173U
Thermoplastic Vulcanizate
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	0.970 g/cm³	0.970 g/cm³	ISO 1183/A
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress ¹ (Break, 73°F (23°C))	1020 psi	7.00 MPa	ISO 37
Tensile Elongation ¹ (Break, 73°F (23°C))	350 %	350 %	ISO 37
Tear Strength ² (73°F (23°C))	140 lbf/in	25 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)	74	74	

Notes
¹ Type 1, 20 in/min (500 mm/min)
² Method Ba, Angle (Unnicked), 20 in/min (500 mm/min)

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

