

**Technical Data Sheet**  
**INVISION™ TX 5173U**  
 Thermoplastic Vulcanizate  
 Engineering Plastics



**Product Description**

TPV Fully Crosslinked EPDM Rubber

**General**

- |                   |   |  |
|-------------------|---|--|
| Processing Method | <ul style="list-style-type: none"> <li>• Blow Molding</li> <li>• Coextrusion</li> </ul> | <ul style="list-style-type: none"> <li>• Injection Molding</li> <li>• Profile Extrusion</li> </ul> |
|-------------------|---|--|

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.970 g/cm <sup>3</sup>	0.970 g/cm <sup>3</sup>	ISO 1183/A
Elastomers	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Stress <sup>1</sup> (Break, 73°F (23°C))	1020 psi	7.00 MPa	ISO 37
Tensile Elongation <sup>1</sup> (Break, 73°F (23°C))	350 %	350 %	ISO 37
Tear Strength <sup>2</sup> (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**

- <sup>1</sup> Type 1, 20 in/min (500 mm/min)
- <sup>2</sup> Method Ba, Angle (Unnicked), 20 in/min (500 mm/min)

**Notes**

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