

Technical Data Sheet

**Invision VX 5055UI-B6A Rivian Black**



Thermoplastic Vulcanizate

**Product Description**

*Invision™* VX-5055UI is a TPV Partially Crosslinked EPDM Rubber.

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	Excellent Weather Resistance; Low Gloss; Soft
<b>Appearance</b>	Black; Colors Available; Natural Color

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density - Specific Gravity	0.925	g/cm <sup>3</sup>	ASTM D792
Melt Viscosity, (190 °C, 295 sec <sup>-1</sup> , Internal Method)	234	Pa·s	ASTM D3835
<b>Mechanical</b>			
Tensile Stress at 100%, (510 mm/min)	3.05	MPa	ASTM D412
Tensile Strength, (510 mm/min)	4.37	MPa	ASTM D412
Tensile Elongation at Break, (510 mm/min)	440	%	ASTM D412
Tear Strength, (Die C)	25.8	kN/m	ASTM D624
<b>Hardness</b>			
Durometer Hardness, (Shore A, 15 sec)	56		ASTM D2240