

Technical Data Sheet

Invision VX 5055UI-B6A Rivian Black



Thermoplastic Vulcanizate

Product Description

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

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.925	g/cm ³	ASTM D792
Melt Viscosity, (190 °C, 295 sec ⁻¹ , Internal Method)	234	Pa·s	ASTM D3835
Mechanical			
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
Hardness			
Durometer Hardness, (Shore A, 15 sec)	56		ASTM D2240