

**Technical Data Sheet**

***Invision VX 5090UI-315 BLACK***



Thermoplastic Vulcanizate

**Product Description**

TPV Partially Crosslinked EPDM Rubber

**Processing Method**          Injection Molding

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density, (Method A)	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Viscosity, (200 °C, 243 sec <sup>-1</sup> )	120	Pa·s	ASTM D3835
<b>Mechanical</b>			
Tensile Stress, (100%, 23 °C, 500 mm/min, Type 1A)	8.40	MPa	ISO 527-2
Tensile Modulus, (500 mm/min, Type 1A)	5.60	MPa	ISO 527-1
Tear Strength, (23 °C, Method Ba, Angle (Unnicked), 500 mm/min)	52.0	kN/m	ISO 34-1
<b>Hardness</b>			
Shore Hardness, (Shore A, 15 sec, 23 °C)	90		ISO 868