

Technical Data Sheet

Invision VX 5090UI B6A BLK

Thermoplastic Vulcanizate



Product Description

TPV Partially Crosslinked EPDM Rubber

Processing Method

Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density, (Method A)	0.900	g/cm ³	ISO 1183
Melt Viscosity, (200 °C, 243 sec ⁻¹)	120	Pa·s	ASTM D3835
Mechanical			
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
Hardness			
Shore Hardness, (Shore A, 15 sec, 23 °C)	90		ISO 868