

Technical Data Sheet

Invision VX 5090UI-01 NATURAL

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