

Technical Data Sheet

Invision VX 5085UI EP-3120 BLACK

Thermoplastic Vulcanizate



Product Description

TPV Partially Crosslinked EPDM Rubber that is black in color.

Processing Method Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	0.89	g/cm ³	ISO 1183
Melt Viscosity, (200 °C, 243 sec ⁻¹)	135	Pa·s	ASTM D3835
Mechanical			
Tensile Stress, (100%, 500 mm/min)	7.20	MPa	ISO 527-2
Tensile Strain at Break, (Type 1A, 23 °C, 500 mm/min)	500	%	ISO 527-2
Tear Strength, (500 mm/min)	46.0	kN/m	ISO 34-1
Hardness			
Shore Hardness, (Shore A, 15 sec)	85		ISO 868