

Technical Data Sheet

Invision VX 5075UI-01 NAT

Thermoplastic Vulcanizate



Product Description

TPV Partially Crosslinked EPDM Rubber

Processing Method

Injection Molding

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity, (Method A)	0.904	g/cm ³	ASTM D792
Melt Viscosity, (190 °C, 295 sec ⁻¹ , Internal Method)	199	Pa·s	ASTM D3835
Mechanical			
Tensile Stress at 100%, (510 mm/min)	3.31	MPa	ASTM D412
Tensile Strength at Yield, (510 mm/min)	5.42	MPa	ASTM D412
Tensile Elongation at Break, (Die C)	460	%	ASTM D412
Tear Strength, (Die C)	30.3	kN/m	ASTM D624
Hardness			
Durometer Hardness, (Shore A, 15 sec)	77		ASTM D2240