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Technical Data Sheet

Invision VX 5085UI-3439 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 - Specific Gravity	0.908	g/cm ³	ASTM D792
Melt Viscosity, (190 °C, 295 sec ⁻¹ , Internal Method)	215	Pa·s	ASTM D3835
Mechanical			
Tensile Strength at Break, (Die C)	7.86	MPa	ASTM D412
Tensile Elongation at Break, (Die C)	430	%	ASTM D412
Tensile Modulus	4.72	MPa	ASTM D412
Tear Strength, (Method C, Crescent, 500 mm/min)	43.1	kN/m	ASTM D412
Hardness			
Durometer Hardness, (Shore A, 15 sec)	85		ASTM D2240