



TECHNICAL DATA SHEET

**FORPRENE NERO
6NM901A75**

Thermoplastic Vulcanizate (TPV)

Color	Black
Markets	Automotive, Industrial
Applications	Interior: door bottom profile
Norm compliance	Compliant with Regulation (EC) No 1907/2006 (REACH)
Certifications	UL listed under file n° E187982
Processing technology	Injection moulding

Physical properties	Typical value (SI)	Typical value (EN)	Test method
Hardness Shore A, 15s	77	77	ASTM D2240

Density	0.96 g/cm ³	0.96 g/cm ³	ASTM D792
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Mechanical properties	Typical value (SI)	Typical value (EN)	Test method
Tensile strength	6.8 MPa	986 psi	ASTM D412-C
Elongation at break	540 %	540 %	ASTM D412-C
Modulus 100%	3.0 MPa	435 psi	ASTM D412-C
Tear strength	32 kN/m	182.8 lb/in	ASTM D624-C
Tensile set	18 %	18 %	ASTM D412
Compression set (type 1 specimen, 22 h 70 °C)	38 %	38 %	ASTM D395-B type 1

Processing conditions	Typical value (SI)	Typical value (EN)
Drying	3h/80 °C	3h/176 °F

Injection moulding	Typical value (SI)	Typical value (EN)
Recommended processing temperatures:		
1st Zone	160 °C	320 °F
2nd Zone	170 °C	338 °F
3rd Zone	180 °C	356 °F
Nozzle	185 °C	365 °F
Mould	20-40 °C	68-104 °F

Storage

This product should be stored in a covered facility and kept away from moisture and heat.