

Forprene® 6MD.A90

Thermoplastic Vulcanizate (TPV)

Description	TPV, injection moulding grade, high fluidity.
Norm compliance	EU Directive 2002/95/EC (RoHS) compliant.
Applications	Automotive, industrial.
Processing technology	Injection moulding

The following figures indicate the typical material properties and are not to be considered a specification

Physical Properties	Typical value	Test method	Units
Hardness 15"	A 92	ASTDM D2240	Shore
Specific gravity (23°C)	0.94	ASTM D792	g/cm³
Elasto-Mechanical Properties	Typical value	Test method	Units
Tensile strength	11.5	ASTM D412-C	MPa
Elongation at break	500	ASTM D412-C	%
Modulus 100%	5.5	ASTM D412-C	MPa
Tear strength	50	ASTM D624-C	kN/m
Compression set (22 h 70°C)	48	ASTM D395-B TYPE 1	%
Processing Conditions	Typical value	Test method	Units
Cylinder temperature	170-180-185	-	°C
Nozzle temperature	195	-	°C
Mould temperature	20-50	-	°C
Drying	not necessary	-	hours - °C

Storage

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