



Forprene® 6B0.D50

Thermoplastic Vulcanizate (TPV)

Description	TPV, blow moulding grade, high blow ratio.
Norm compliance	EU Directive 2002/95/EC (RoHS) compliant.
Applications	Automotive.
Processing technology	Blow 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"	D 50	ASTDM D2240	Shore
Specific gravity (23°C)	0.92	ASTM D792	g/cm³

Elasto-Mechanical Properties	Typical value	Test method	Units
Tensile strength	22.5	ASTM D412-C	MPa
Elongation at break	700	ASTM D412-C	%
Modulus 100%	11.5	ASTM D412-C	MPa
Tear strength	88	ASTM D624-C	kN/m

Processing Conditions	Typical value	Test method	Units
Cylinder temperature	170-180-185	-	°C
Head temperature	195	-	°C
Dye temperature	185	-	°C
Drying	not necessary	-	hours - °C

Storage

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