

Forprene® 6B0.A80

Thermoplastic Vulcanizate

SO.F.TER. SPA

General

Uses	• Automotive Applications
RoHS Compliance	• RoHS Compliant
Forms	• Pellets
Processing Method	• Blow Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.920	g/cm ³	ASTM D792

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	3.50	MPa	ASTM D412
Tensile Strength ² (Break)	9.00	MPa	ASTM D412
Tensile Elongation ² (Break)	610	%	ASTM D412
Tear Strength ²	44.0	kN/m	ASTM D624
Compression Set ³ (70°C, 22.0 hr)	46	%	ASTM D395B

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	81		ASTM D2240

Extrusion	Nominal Value	Unit
Cylinder Zone 1 Temp.	170	°C
Cylinder Zone 2 Temp.	180	°C
Cylinder Zone 3 Temp.	185	°C
Die Temperature	185	°C

Extrusion Notes

Head Temperature: 195°C

Notes

¹ Typical properties: these are not to be construed as specifications.

² Die C

³ Type 1