

Forprene® 6MD.A80

Thermoplastic Vulcanizate

SO.F.TER. SPA

Product Description

TPV, injection moulding grade, high fluidity.

General

Features	• High Flow	
Uses	• Automotive Applications	• Industrial Applications
RoHS Compliance	• RoHS Compliant	
Forms	• Pellets	
Processing Method	• Injection Molding	

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm³	ASTM D792

Elastomers	Nominal Value	Unit	Test Method
Tensile Stress ² (100% Strain)	3.70	MPa	ASTM D412
Tensile Strength ² (Break)	8.50	MPa	ASTM D412
Tensile Elongation ² (Break)	450	%	ASTM D412
Tear Strength ²	35.0	kN/m	ASTM D624
Compression Set ³ (70°C, 22.0 hr)	41	%	ASTM D395B

Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240

Injection	Nominal Value	Unit
Rear Temperature	160	°C
Middle Temperature	170	°C
Front Temperature	180	°C
Nozzle Temperature	185	°C
Mold Temperature	20.0 to 50.0	°C

Notes

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

² Die C

³ Type 1