

Forprene® 6NE901A80

Thermoplastic Vulcanizate

SO.F.TER. SPA

Message:

Forprene® 6NE901A80 is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America, Latin America or Europe. The processing method is extrusion or injection molding. Forprene® The main features of 6NE901A80 are: ROHS certification.

Typical application areas include:

Electrical/electronic applications

electrical appliances

Furniture

home apps

building applications

General Information			
Uses	Electrical/Electronic Applications		
	Electrical appliances		
	Furniture		
	Household goods		
	Architectural application field		
	Application in Automobile Field		
	Sporting goods		
RoHS Compliance	RoHS compliance		
Appearance	Black		
Processing Method	Extrusion		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.960	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	82		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	20	%	ASTM D412
Tensile Stress ¹ (100% Strain)	3.40	MPa	ASTM D412
Tensile Strength ²	8.40	MPa	ASTM D412
Tensile Elongation ³ (Break)	580	%	ASTM D412
Tear Strength ⁴	37.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	40	%	ASTM D395B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Cylinder Zone 1 Temp.	170	°C	

Cylinder Zone 2 Temp.	180	°C
Cylinder Zone 3 Temp.	185	°C
Die Temperature	185	°C

Extrusion instructions

Extrusion Head Temperature: 195°C

NOTE

- | | |
|----|-------------|
| 1. | Mouth die c |
| 2. | Mouth die c |
| 3. | Mouth die c |
| 4. | C mould |
| 5. | Type 1 |

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Recommended distributors for this material

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