

Forprene® 6NM901A50

Thermoplastic Vulcanizate

SO.F.TER. SPA

Message:

Forprene® 6NM901A50 is a Thermoplastic Vulcanizate (TPV) material. It is available in Europe, Latin America, or North America for injection molding. Primary attribute of Forprene® 6NM901A50: REACH Compliant.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Black		
	Natural Color		
Processing Method	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)	52		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	10	%	ASTM D412
Tensile Stress ¹ (100% Strain)	1.60	MPa	ASTM D412
Tensile Strength ²	4.00	MPa	ASTM D412
Tensile Elongation ³ (Break)	490	%	ASTM D412
Tear Strength ⁴	18.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	33	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Rear Temperature	160	°C	
Middle Temperature	170	°C	
Front Temperature	180	°C	
Nozzle Temperature	185	°C	
Mold Temperature	20.0 to 40.0	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
4.	Die C		
5.	Type 1		

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