

Forprene® 6NE001A45

Thermoplastic Vulcanizate

SO.F.TER. SPA

Message:

Forprene® 6NE001A45 is a thermoplastic vulcanized rubber (TPV) material. This product is available in North America, Latin America or Europe. The processing method is: extrusion. Forprene® The main characteristics of 6NE001A45 are: compliance with REACH standards.

General Information			
Agency Ratings	EC 1907/2006 (REACH)		
Appearance	Natural color		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.950	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 15 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Set	8	%	ASTM D412
Tensile Stress ¹ (100% Strain)	1.40	MPa	ASTM D412
Tensile Strength ²	3.50	MPa	ASTM D412
Tensile Elongation ³ (Break)	470	%	ASTM D412
Tear Strength ⁴	17.0	kN/m	ASTM D624
Compression Set ⁵ (70°C, 22 hr)	34	%	ASTM D395B
Extrusion	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	3.0	hr	
Cylinder Zone 1 Temp.	160	°C	
Cylinder Zone 2 Temp.	170	°C	
Cylinder Zone 3 Temp.	180	°C	
Die Temperature	170	°C	
Extrusion instructions			
Extrusion Head Temperature: 180°C			
NOTE			
1.	Mouth die c		
2.	Mouth die c		
3.	Mouth die c		
4.	C mould		
5.	Type 1		

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