

Viton® A-201C

Fluoroelastomer
DuPont Performance Elastomers

Message:

Viton® A-201C is a Fluoroelastomer product. It can be processed by extrusion, injection molding, or resin transfer molding and is available in Europe or North America. Applications of Viton® A-201C include hose/tubing, aerospace, military applications and sealing applications.

Characteristics include:

- Chemical Resistant
- Carbon Black
- Corrosion Resistant
- Wear Resistant

General Information			
Additive	Carbon Black (30%)		
Features	Acid Resistant		
	Fungus Resistant		
	Gasoline Resistance		
	Good Abrasion Resistance		
	Good Corrosion Resistance		
	Low Gas Permeability		
	Oil Resistant		
	Oxidation Resistant		
Uses	Hose		
	Seals		
	Tubing		
Agency Ratings	AMS 7276		
	MIL R-83248		
Appearance	White		
Forms	Sheet		
Processing Method	Extrusion		
	Injection Molding		
	Resin Transfer Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.82	g/cm ³	ASTM D792
Apparent Density	1.82	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	79		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method


Tensile Stress (100% Strain)	5.90	MPa	ASTM D412
Tensile Strength (Yield)	13.0	MPa	ASTM D412
Tensile Elongation (Break)	210	%	ASTM D412
Compression Set (200°C)	16	%	ASTM D395
Thermoset	Nominal Value	Unit	
Demold Time			
177°C	10	min	
230°C	1400	min	

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
 Phone: +86 13424755533
 Email: sales@su-jiao.com
 No. 215, Lianhe North Road, Fengxian District, Shanghai, China



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