

Viton® A-401C

Fluoroelastomer
DuPont Performance Elastomers

Message:

Viton® A- 401C is a fluororubber (Fluorelastomer) product. It can be processed by extrusion, compression molding or calendering, and is available in North America or Europe. Viton®The applications of A- 401C include aerospace, hoses, engineering/industrial accessories, military applications and the automotive industry.

Features include:

- chemical resistance
- Corrosion resistance
- accessible food
- Wear-resistant
- carbon black

General Information	
Additive	Carbon black (30%)
Features	Low air permeability
	Antibacterial property
	Solvent resistance
	Antioxidation
	Good corrosion resistance
	Good wear resistance
	Gasoline resistance
	acid resistance
	Oil resistance
Uses	Compliance of Food Exposure
	Washer
	Pipe
	Pipe fittings
	Coating application
	Profile
Agency Ratings	AMS 7259
	AMS 7276
	FDA 21 CFR 177.2600 2
	MIL R-83248
Appearance	White
Forms	Sheet
Processing Method	Extrusion
	Compression molding
	Calendering

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.81	g/cm ³	ASTM D792
Apparent Density	1.82	g/cm ³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	75		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	6.38	MPa	ASTM D412
Tensile Strength (Yield)	13.4	MPa	ASTM D412
Tensile Elongation (Break)	200	%	ASTM D412
Compression Set (200°C, 70 hr)	15	%	ASTM D395
Thermoset	Nominal Value	Unit	
Demold Time			
177°C	10	min	
230°C	1400	min	
Additional Information			

Nominal Viscosity, ML 1 + 10, 121°C: 40Polymer Fluorine Content: 66%

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Recommended distributors for this material

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

