

Viton® A-331C

Fluoroelastomer
DuPont Performance Elastomers

Message:

Viton® A- 331C is a fluororubber (Fluorelastomer) product. It can be processed by extrusion, resin transfer molding or injection molding, and is available in North America or Europe. Viton®The application areas of A- 331C include hose and sealing applications.

Features include:

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

General Information			
Additive	Carbon black (30%)		
Features	Low air permeability		
	Pull-out resistance		
	Antibacterial property		
	Antioxidation		
	Good corrosion resistance		
	Good wear resistance		
	Gasoline resistance		
	acid resistance		
	Oil resistance		
Uses	Pipe		
	Pipe fittings		
	Seals		
Appearance	White		
Forms	Sheet		
Processing Method	Extrusion		
	Resin transfer molding		
	Injection molding		
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)	77		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	4.52	MPa	ASTM D412
Tensile Strength (Yield)	13.5	MPa	ASTM D412

Tensile Elongation (Break)	240	%	ASTM D412
Compression Set (200°C, 70 hr)	20	%	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: 30Polymer Fluorine Content: 66%

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