

Viton® F-601C

Fluoroelastomer
DuPont Performance Elastomers

Message:

Viton® F-601C is a Fluoroelastomer product. It can be processed by compression molding or resin transfer molding and is available in Europe or North America. Typical application: Sealing Applications.
Characteristics include:
Chemical Resistant
Carbon Black
Corrosion Resistant
Good Mold Release
Wear Resistant

General Information			
Additive	Carbon Black (30%)		
Features	Acid Resistant		
	Fast Cure		
	Fungus Resistant		
	Gasoline Resistance		
	Good Abrasion Resistance		
	Good Corrosion Resistance		
	Good Mold Release		
	Low Gas Permeability		
	Oil Resistant		
Oxidation Resistant			
Uses	Seals		
Appearance	White		
Forms	Sheet		
Processing Method	Compression Molding		
	Resin Transfer Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.91	g/cm³	ASTM D792
Apparent Density	1.91	g/cm³	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	78		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	7.17	MPa	ASTM D412
Tensile Strength (Yield)	14.5	MPa	ASTM D412
Tensile Elongation (Break)	190	%	ASTM D412
Compression Set (200°C)	41	%	ASTM D395

Thermoset	Nominal Value	Unit
Demold Time		
177°C	10	min
230°C	1400	min

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