

# Viton® B-601C

Fluoroelastomer  
DuPont Performance Elastomers

Message:

Viton® B-601C is a Fluoroelastomer product. It can be processed by compression molding or injection molding and is available in Europe or North America. Typical application: 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	Seals
Appearance	White
Forms	Sheet
Processing Method	Compression Molding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.84	g/cm <sup>3</sup>	ASTM D792
Apparent Density	1.84	g/cm <sup>3</sup>	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)	5.86	MPa	ASTM D412
Tensile Strength (Yield)	13.8	MPa	ASTM D412
Tensile Elongation (Break)	230	%	ASTM D412
Compression Set (200°C)	21	%	ASTM D395
Thermoset	Nominal Value	Unit	
Demold Time			
177°C	10	min	

230°C

1400

min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

#### 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

