

Viton® B-651C

Fluoroelastomer
DuPont Performance Elastomers

Message:

Viton® B- 651C is a fluororubber (Fluorelastomer) product. It can be processed by compression molding and is available in North America or Europe.
Viton® The application areas of B- 651C include engineering/industrial accessories, glue/gummed paper, sealing applications and coating applications.
Features include:
chemical resistance
Corrosion resistance
Wear-resistant
carbon black

General Information			
Additive	Carbon black (30%)		
Features	Low air permeability		
	Antibacterial property		
	Antioxidation		
	Good corrosion resistance		
	Good wear resistance		
	Gasoline resistance		
	acid resistance		
Uses	Oil resistance		
	Washer		
	Seals		
	Coating application		
Bonding			
Appearance	White		
Forms	Sheet		
Processing Method	Compression molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.85	g/cm ³	ASTM D792
Apparent Density	1.84	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)	4.34	MPa	ASTM D412
Tensile Strength (Yield)	13.9	MPa	ASTM D412
Tensile Elongation (Break)	270	%	ASTM D412
Compression Set (200°C, 70 hr)	30	%	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: 60Polymer Fluorine Content: 68.5%

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

