

# Viton® E-45

Fluoroelastomer  
DuPont Performance Elastomers

Message:

Viton® E-45 is a Fluoroelastomer product. It can be processed by calendering, compression molding, extrusion, or resin transfer molding and is available in Europe or North America. Typical application: Sealing Applications.  
Characteristics include:  
Chemical Resistant  
Corrosion Resistant  
Wear Resistant

General Information	
Features	Acid Resistant
	Fungus Resistant
	Gasoline Resistance
	Good Abrasion Resistance
	Good Corrosion Resistance
	Low Gas Permeability
	Oil Resistant
	Oxidation Resistant
Uses	Seals
Forms	Pellets
Processing Method	Calendering
	Compression Molding
	Extrusion
	Resin Transfer Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.82	g/cm <sup>3</sup>	ASTM D792
Apparent Density	1.82	g/cm <sup>3</sup>	ASTM D1895
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	77		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	12.1	MPa	ASTM D412
Tensile Elongation (Break)	330	%	ASTM D412
Compression Set (200°C)	25	%	ASTM D395

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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

