

Garlock Viton® 501 Fluoroelastomer Sheet Rubber

Category : Polymer , Thermoset , Fluoropolymer, TS , Thermoset Fluoroelastomer , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Style #501 sheet rubber, made with VITON® fluoroelastomer, is a high-performance product resistant to heat, oils, fuels, numerous acids and other chemicals. Information provided by Garlock Rubber Technologies Viton is a registered trademark of DuPont

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-Viton-501-Fluoroelastomer-Sheet-Rubber.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.85 g/cc	1.85 g/cc	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	70 - 80	70 - 80	
	85 - 95	85 - 95	
	@Treatment Temp. 250 °C, Time 252000 sec	@Treatment Temp. 482 °F, Time 70.0 hour	Heat Aged
Tensile Strength	>= 6.89 MPa	>= 1000 psi	
	8.96 MPa	1300 psi	Typical
Elongation at Break	>= 175 %	>= 175 %	
	>= 125 %	>= 125 %	
	@Treatment Temp. 250 °C, Time 252000 sec	@Treatment Temp. 482 °F, Time 70.0 hour	Heat Aged; ASTM D573
Compression Set	50 %	50 %	
	@Temperature 175 °C, Time 79200 sec	@Temperature 347 °F, Time 22.0 hour	ASTM D395

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	204 °C	400 °F	
Minimum Service Temperature, Air	-26.1 °C	-15.0 °F	

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