

Garlock 9850 Compressed Carbon Fiber Gasketing, Nitrile Binder

Category : Polymer , Thermoset , Carbon Fiber/Thermoset Composite , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Carbon fibers with a nitrile binder. Carbon fiber gasketing excels in harshest conditions - intense heat, high pressure, saturated steam and hot oils. Laboratory-tested for fire safety. Long-lasting seal - Unique manufacturing process minimizes cold flow and creep relaxation problems. Ideal for standard ANSI flanged connectors, as well as turbine crossover piping connectors. Multiple applications in power generation, chemical processing, hydrocarbon processing, and other industries. Media: Saturated Steam, oils, gasoline, water, aliphatic hydrocarbons and most refrigerants. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-9850-Compressed-Carbon-Fiber-Gasketing-Nitrile-Binder.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0608 lb/in ³	
Permeability	0.015	0.015	Gas Permeability, cc/min; DIN 3535 Part 4

Mechanical Properties	Metric	English	Comments
Tensile Strength	12.4 MPa	1800 psi	across grain; ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	482 Â°C	900 Â°F	Continuous
	343 Â°C @Pressure 13.8 MPa	650 Â°F @Pressure 2000 psi	
Minimum Service Temperature, Air	-73.3 Â°C	-100 Â°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	<= 0.0787 kV/mm	<= 2.00 kV/in	Unconditioned; ASTM D149
	@Thickness 1.59 mm	@Thickness 0.0625 in	

Descriptive Properties	Value	Comments
Compressibility, %	7-17	ASTM F36
Creep Relaxation, %	15	ASTM F38

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China