

Garlock 9800 Compressed Carbon Fiber Gasketing, SBR Binder

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

Material Notes:

Carbon fibers with a SBR binder. Carbon fiber gasketing excels in harshest conditions- intense heat, high pressure, saturated steam and hot oils. Laboratory tested for fire safety. Maintains effective seal during pressure and temperature fluctuations. Superior torque retention lowers leakage rates and reduces maintenance time. Media: Saturated steam, Water, Inert gases, Mild acids, Mild alkalies. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-9800-Compressed-Carbon-Fiber-Gasketing-SBR-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	10.3 MPa	1500 psi	across grain; ASTM F152

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

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

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