

Garlock BLUE-GARD® 3400 Compressed Aramid Fiber Gasketing, SBR Binder

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE) , Styrene Butadiene Rubber

Material Notes:

Aramid fiber, high-temperature fillers, and SBR binder. Often used in low-pressure saturated steam applications. Excellent

Sealability Unique blend of aramid fibers, fillers, and a SBR rubber binder provides improved torque retention and lowered emissions

levels Media: Water, Saturated Steam, Inert Gases Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-BLUE-GARD-3400-Compressed-Aramid-Fiber-Gasketing-SBR-Binder.php

Physical Properties	Metric	English	Comments
Density	1.60 g/cc	0.0579 lb/in ³	
Permeability	0.030	0.030	Gas Permeability, cc/min; DIN 3535 Part 4

Mechanical Properties	Metric	English	Comments
Tensile Strength	15.5 MPa	2250 psi	across grain; ASTM F152

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	371 Â°C	700 Â°F	
	204 Â°C	400 Â°F	Continuous
	@Pressure 8.27 MPa	@Pressure 1200 psi	
Minimum Service Temperature, Air	-73.3 Â°C	-100 Â°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	16.6 kV/mm	422 kV/in	
	@Temperature 121 Â°C, Time 10800 sec	@Temperature 250 Â°F, Time 3.00 hour	0.125 in. thickness; ASTM D149

Descriptive Properties	Value	Comments
Color	Grey-Black	
Compressibility, %	7-17	ASTM F36
Creep Relaxation, %	18	ASTM F38
Sealability ASTM F37B, ml/hr	0.1	ASTM Fuel A
	0.4	Nitrogen

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