

Garlock 2920 Compressed Aramid Fiber Gasketing, SBR Binder

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

Material Notes:

Aramid fibers with a SBR binder. Ideal for utility services. Excellent sealability. Improved thermal stability. Good for general service. Media: Water, steam, inert gases, mild acids and mild alkalies. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-2920-Compressed-Aramid-Fiber-Gasketing-SBR-Binder.php

Physical Properties	Metric	English	Comments
Density	1.68 g/cc	0.0608 lb/in ³	

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

Thermal Properties	Metric	English	Comments
Thermal Conductivity	0.290 - 0.380 W/m-K	2.01 - 2.64 BTU-in/hr-ft ² - ^o F	ASTM F433
Maximum Service Temperature, Air	371 ^o C	700 ^o F	
	204 ^o C	400 ^o F	Continuous
	@Pressure 6.89 MPa	@Pressure 1000 psi	
Minimum Service Temperature, Air	-73.3 ^o C	-100 ^o F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	>= 14.8 kV/mm	>= 375 kV/in	0.0625 in. thickness; ASTM D149
	@Temperature 121 ^o C, Time 10800 sec	@Temperature 250 ^o F, Time 3.00 hour	
	>= 26.7 kV/mm	>= 678 kV/in	0.03125 in. thickness; ASTM D149
	@Temperature 121 ^o C, Time 10800 sec	@Temperature 250 ^o F, Time 3.00 hour	

Descriptive Properties	Value	Comments
Color	Off-White	
Compressibility, %	7-17	ASTM F36
Creep Relaxation, %	23	ASTM F38
Sealability ASTM F37B, ml/hr	1	ASTM Fuel A

Descriptive Properties	Value	Comments
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