

Garlock 2900 Compressed Aramid Fiber Gasketing, Nitrile Binder

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

Material Notes:

Aramid fibers with a nitrile binder. Ideal for utility services. Excellent sealability. Improved thermal stability. Good for general service. Media: Water, aliphatic hydrocarbons, oils, gasoline. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-2900-Compressed-Aramid-Fiber-Gasketing-Nitrile-Binder.php

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

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	371 Â°C	700 Â°F	
	204 Â°C	400 Â°F	Continuous
	@Pressure 6.89 MPa	@Pressure 1000 psi	
Minimum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	

Electrical Properties	Metric	English	Comments
Dielectric Strength	10.0 kV/mm	254 kV/in	0.125 in. thickness; ASTM D149
	@Temperature 121 Â°C, Time 10800 sec	@Temperature 250 Â°F, Time 3.00 hour	
	>= 13.5 kV/mm	>= 342 kV/in	0.0625 in. thickness; ASTM D149
	@Temperature 121 Â°C, Time 10800 sec	@Temperature 250 Â°F, Time 3.00 hour	
	1.02 kV/mm	26.0 kV/in	100% RH for 96 hours; ASTM D149
	@Thickness 1.59 mm	@Thickness 0.0625 in	
	1.10 kV/mm	28.0 kV/in	100% RH for 96 hours; ASTM D149
	@Thickness 3.17 mm	@Thickness 0.125 in	

Descriptive Properties	Value	Comments
Color	Black	
Compressibility, %	7-17	ASTM F36

Descriptive Properties	Value	Comments
Sealability ASTM F37B, ml/hr	0.25	ASTM Fuel A
	1	Nitrogen

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