

Garlock 5507 Compressed Inorganic Fiber Gasketing, EPDM Binder

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

Material Notes:

Inorganic fibers with an EPDM binder. Inorganic fiber gasketing offers excellent thermal stability with minimal weight loss. Reduced creep relaxation and improved torque retention provide optimal sealability. Non-oxidizing fibers. Media: Water, Saturated steam, Mild chemicals, Mild alkalies. Information provided by Garlock Rubber Technologies

Order this product through the following link:

http://www.lookpolymers.com/polymer_Garlock-5507-Compressed-Inorganic-Fiber-Gasketing-EPDM-Binder.php

Physical Properties	Metric	English	Comments
Density	1.76 g/cc	0.0637 lb/in ³	
Permeability	0.040	0.040	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	427 Â°C	800 Â°F	
	288 Â°C	550 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	>= 15.6 kV/mm	>= 396 kV/in	
	@Temperature 121 Â°C, Time 10800 sec	@Temperature 250 Â°F, Time 3.00 hour	0.0625 in. thickness; ASTM D149

Descriptive Properties	Value	Comments
Color	Sand	
Compressibility, %	7-17	ASTM F36
Creep Relaxation, %	20	ASTM F38
Sealability ASTM F37B, ml/hr	0.1	ASTM Fuel A
	0.5	Nitrogen

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