

GrafTech GRAFOIL® TG-411 Non-Standard Fluid Sealing Graphite, High Temperature

Category : Carbon , Graphite

Material Notes:

GRAFOIL® TG-411 is a high temperature purified flexible graphite sheet for applications that require extremely low impurity levels.

Material greater than 0.040" (1 mm) thick is adhesively bonded to final thickness, followed by the purification process.

Order this product through the following link:

http://www.lookpolymers.com/polymer_GrafTech-GRAFOIL-TG-411-Non-Standard-Fluid-Sealing-Graphite-High-Temperature.php

Physical Properties	Metric	English	Comments
Bulk Density	1.12 g/cc	0.0405 lb/in ³	Available
Thickness	250 - 760 microns	9.84 - 29.9 mil	Available Range

Component Elements Properties	Metric	English	Comments
Aluminum, Al	0.00010 %	0.00010 %	
Arsenic, As	<= 1.0e-6 %	<= 1.0e-6 %	
Boron, B	0.0000070 %	0.0000070 %	
Calcium, Ca	<= 0.00010 %	<= 0.00010 %	
Chlorine, Cl	<= 0.000050 %	<= 0.000050 %	
Chromium, Cr	<= 0.000010 %	<= 0.000010 %	
Cobalt, Co	<= 0.0000050 %	<= 0.0000050 %	
Copper, Cu	<= 0.0000050 %	<= 0.0000050 %	
Germanium, Ge	<= 0.000010 %	<= 0.000010 %	
Iron, Fe	0.00030 %	0.00030 %	
Lithium, Li	0.000010 %	0.000010 %	
Magnesium, Mg	0.00010 %	0.00010 %	
Manganese, Mn	0.000010 %	0.000010 %	
Mercury, Hg	<= 0.000050 %	<= 0.000050 %	
Nickel, Ni	0.000030 %	0.000030 %	
Phosphorous, P	0.00015 %	0.00015 %	
Potassium, K	0.00010 %	0.00010 %	

Component Elements Properties	Metric 0.0010 %	English 0.010 %	Comments
Silicon, Si	0.00050 %	0.00050 %	
Sodium, Na	0.00020 %	0.00020 %	
Sulfur, S	0.00020 %	0.00020 %	
Tantalum, Ta	<= 0.00050 %	<= 0.00050 %	
Titanium, Ti	0.000010 %	0.000010 %	
Zinc, Zn	<= 0.0000050 %	<= 0.0000050 %	

Descriptive Properties	Value	Comments
Bromine, Br (%)	<0.00001	
Total Impurities (%)	<0.0020	

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