

GrafTech GRAFOIL® GHC Standard Internal Combustion Laminate

Category : Carbon , Graphite

Material Notes:

GRAFOIL® Grade GHC is a laminate made from Grade GTC flexible graphite. Laminate Construction: GRAFOIL® Grade GTC ? Micro-thin, phenolic-based adhesive ? GRAFOIL® Grade GTC

Order this product through the following link:

http://www.lookpolymers.com/polymer_GrafTech-GRAFOIL-GHC-Standard-Internal-Combustion-Laminate.php

Physical Properties	Metric	English	Comments
Bulk Density	1.12 g/cc	0.0405 lb/in ³	Available
Moisture Absorption at Equilibrium	0.10 %	0.10 %	
Thickness	1520 microns	59.8 mil	
	2030 microns	79.9 mil	
	3050 microns	120 mil	
Ash	3.0 %	3.0 %	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	4.48 MPa	650 psi	
Compression Set	87 % @Pressure 34.5 MPa	87 % @Pressure 5000 psi	after 5000 psi load

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	450 Â°C	842 Â°F	
Minimum Service Temperature, Air	-240 Â°C	-400 Â°F	

Component Elements Properties	Metric	English	Comments
Carbon, C	97 %	97 %	

Chemical Properties	Metric	English	Comments
Ionic Impurities - Cl (Chloride)	<= 10 ppm	<= 10 ppm	Leachable

Descriptive Properties	Value	Comments
Compressibility (%)	43	at 5000 psi load

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China