

ZIBO JINGGAN REFRACTORY IMPORT AND EXPORT CO.,LTD

Address:NO. 3, Yanhe Road, Boshan, Zibo, Shandong, China
Email:wp@cnjingganrefractory.com/sdwenping@163.com
Contact:Rose Tel/Wechat:+86-13275332819
Tel:86-533-4188518 Fax:86-533-4188518

Soft Graphite Felt



1,Introduction: Carbon felt is graphite felt after high temperature treatment above 2000 °C in vacuum or inert atmosphere, the carbon content of graphite felt is higher than that of carbon felt, More than 99%. The products are pitch based, polyacrylonitrile based and adhesive, It is mainly used as heat preservation and heat insulation material of monocrystalline silicon smelting furnace, as filter material of high purity corrosive chemical reagent in chemical industry. The temperature of graphite felt can reach about 3000 °C in non oxidizing atmosphere.

2, Main performance parameters

ITEM	Unit	Polyacrylonitrile graphite felt	Viscose base graphite felt
B.D	g/cm ³	0.1-0.15	0.05-0.15
C	%	≥99	≥99
Ash	%	<0.01	<0.1
Tensile strength	Mpa	0.1	0.14
Thermal conductivity	w/m.k	0.06-0.14	0.08-0.14
Treatment temperature	°C	2500	2500
Compression 10% compressive stress	Mpa	6-10	8-10
Operating environment and temperature		In the air ≤400°C In a vacuum ≥2200°C In inert atmosphere ≥2500°C	In the air ≤400°C In a vacuum ≥2200°C In inert atmosphere ≥2500°C

3,Features:

1) High purity, high temperature resistance, corrosion resistance, no melting

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- 2) Good elasticity, can be folded and cut freely
- 3) Light weight, no volatilization at high temperature
- 4) Small thermal conductivity, good thermal insulation
- 5) No deformation at high temperature
- 4, Application: single crystal furnace, carbonization furnace, quartz furnace, vacuum furnace, high pressure furnace, heat treatment furnace, etc
- 5, Specification:Length: $\geq 1500\text{mm}$, Width: $400 \pm 10\text{mm}$, Thickness: 5-15mm
- 6, Good feedback of product use effect, the products have been exported to South Korea, Russia, Pakistan
- 7, We are a professional supplier, who can provide customers with free product technology, use and other issues

Do you want to find a professional supplier of refractory products?

Do you want to find a professional supplier of graphite electrodes?

Do you want to find a stable and credible supplier?

Then let's contact with jinggan company

Contact me:

Email: wp@cnjingganrefractory.com/sdwenping@163.com

TEL: 86-0533-4188518 / **FAX:** 86-0533-4188518

Rose: +86-13275332819 (wechat/whatsapp number)