



Sponge coke-海綿焦



Product Description 商品簡介

Sponge coke is a kind of delayed petroleum coke.

Delayed petroleum coke refers to the raw coke produced by the delayed coking unit, which is divided into needle coke, sponge coke, and shot coke according to different shapes. Sponge coke is divided into cooked coke and raw coke, and its shape resembles a sponge. The cooked coking of sponge coke means that the raw sponge coke is heated to about 1300°C through the sintering process, the purpose is to remove the volatile matter of petroleum coke as much as possible, so as to reduce the hydrogen content of petroleum coke re-products and make the graphite of petroleum coke, which the degree of transformation will be improved.

The raw coke of sponge coke can be directly used for calcium carbide as the main material of



calcium carbide without calcination, and to produce silicon carbide and boron carbide as grinding materials.

海綿焦是延遲石油焦的一種。

延遲石油焦是指延遲焦化裝置生產的生焦，它根據形狀的不同分為針狀焦、海綿焦、和彈丸焦。海綿焦分為熟焦和生焦，形狀酷似海綿狀。海綿焦的熟焦是指，把海綿生焦經過煅燒工藝，加熱到 1300 °C 左右，目的是將石油焦揮發分儘量除掉，這樣可減少石油焦再製品的氫含量，使石油焦的石墨化程度提高。

海綿焦的生焦，不經鍛燒可直接用於碳化鈣作電石主料，生產碳化矽和碳化硼作研磨材料。

Commodity usage 商品用途

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coke re-products and make the graphite of petroleum coke The degree of transformation is improved. The raw coke of sponge coke can be directly used for calcium carbide as the main material of calcium carbide without calcination, and to produce silicon carbide and boron carbide as grinding materials.

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Product Specification as below

產品相關規格如下

Characteristics	Value	Reject
Moisture	Less than or equals to (<) 8%	
Ash Content (On a dry basis)	Less than (<) 0.3%	More than (>) 0.5%
Volatile Content (on a dry basis)	Min (>) 8%, Max (<) 12%	More than or equals to (>)12%
Sulfur Content (on a dry basis)	Less than (<) 2.5%	Equals to 2.5 %
Shot Coke	0%	The buyer has the right to reject all the products shotcoke contained
HGI	75-80	
Vanadium (V)	Less than (</=) 300 ppm	More than (>) 400ppm
Ferrum (Fe)	Less than (<) 30ppm	
Silicon (Si)	Less than (<) 200 ppm	
Calorific Value, Kcal/kg.	Min. 8200	
Size <8mm	<75% (Size of the products smaller than 8mm shall be less than 75%)	150
<1mm	<5 % (Size of the products smaller than 1mm shall be less than 5%)	