Our Product Introdu

SiC Powder Refractory Raw Material Silicon Carbide Powder F4 To F1200 Black Silicon Carbide

Basic Information

Place of Origin: Zhengzhou, Henan, China
Brand Name: Rongsheng Xinwei
Certification: ISO Certification
Model Number: Black, Green
Minimum Order Quantity: 1 Ton
Price: 200-800 USD

Packaging Details: packed on wooden pallets, with water-proof

cover, and tightened with plastic/steel bandages

Delivery Time: 10-20 Days
 Payment Terms: TT; L/C

• Supply Ability: 2000tons /month



Product Specification

Alkali Resistance: GoodBulk Density: 1.5-2.5g/cm3

Chemical Composition: Al2O3, SiO2, MgO, Etc.
 Color: White, Grey, Brown, Etc.

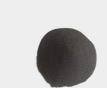
Compressive Strength: 50-100MPaFlexural Strength: 20-50MPa

Name: Refractory Raw Material

Porosity: 15-25%
 Refractoriness: 1700-1800
 Refractoriness Under Load: 1450-1550

Size: 0-3mm, 0-5mm, Etc.
 Softening Temperature: 1400-1600
 Thermal Expansion: 0.2-0.5%

• Thermal Shock Resistance: Good



More Images

Shape:



Product Description

Description of Silicon Carbide SiC Powder From Grit F4 To F1200 Black Silicon Carbide

Powder, Granular, Block, Etc.

Black SiC silicon carbide is made from quartz sand and smokeless acetylene as the mainraw material.it is made via light resistance from hydrometallurgical, it is black opaque body hexagonal crystal and MOHS -hardness in the 9.15, which is after diamond and boron carbide with crisp and sharp performance and certain degree of conductive heat.



Advantages Of Black Silicon Carbide:

- 1. Large crystal, high strength, good toughness, dense texture, high bulk density.
- 2. Stable performance between batches.
 3. The higher grinding efficiency and polishing brightness, the grinding efficiency is much higher than the soft abrasives such as silica.
- 4. Good particle appearance, high surface finish of the polished object.

Usage For Black SiC Silicon Carbide:

- 1.Sic processed by low-intensity metal and non metallic and also can be used in fire-resisting materials and the electronic industry
- 2. Colored metal .iron and steel industy .constructing materials and ceramic .Energy-saving
- 3.Usage:It is the important raw materials of high refractories manufacturing ,high-temperature ceramics,body heat resistance, abrasives and recrystallized silicon carbide.

Parameter of Silicon Carbide SiC Powder From Grit F4 To F1200 Black Silicon Carbide

Color	Granularity range	Chemical Component %		
		SiC	F.C	Fe ₂ O ₃
Black	F4~F90/P12~P100	≥98.6	≤0.2	≤0.4
	F100~F150/P120~P150	≥98.1	≤0.25	≤0.5
	F180~F220/P180~P220	≥97.2	≤0.3	≤0.55
	F230~F280/P240~P360	≥97.2	≤0.3	≤0.55
	F320~F500/P400~P1000	≥97.0	≤0.35	≤0.6
	F600~F800/P1200~P1500	≥96.5	≤0.4	≤0.6
	F1000~F1200/P2000~2500	≥95.5	≤0.5	≤0.7
Green	F4~F90/P12~P100	≥99.1	≤0.2	≤0.2
	F100~F150/P120~P150	≥98.6	≤0.25	≤0.45
	F180~F220/P180~P220	≥98.0	≤0.25	≤0.5
	F230~F280/P240~P360	≥98.0	≤0.3	≤0.5
	F320~F500/P400~P1000	≥97.5	≤0.3	≤0.5
	F600~F800/P1200~P1500	≥97.0	≤0.35	≤0.5
	F1000~F1200/P2000~P2500	≥96.5	≤0.4	≤0.5

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