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TECHNICAL DATA SHEET

PRODUCT: BLACK SILICON CARBIDE

SIZE:F1000

Black Silicon Carbide is produced in electrical internal resistance furnaces from high purity silica sands and petroleum coke,its combination of being very hard and sharp makes it a very aggressive abrasive.

AVERAGE CHEMICAL COMPOSITION(TYPICAL)

SiC	≥98.0%
C _F	≤0.20%
Fe ₂ O ₃	≤0.40%
SiO ₂	≤0.05%

PHYSICAL PROPERTIES(TYPICAL)

Density	≥3.12g/cm ³
Mohs Hardness	9.15
Melting Point	2250°C
Refractoriness	1900°C
Magnetic	≤0.025%

PARTICLE SIZE DISTRIBUTION

	STANDARD VALUE(um)
D3	≤10
D50	4.5±0.8
D94	≥1

MAIN APPLICATIONS

- Bonded Abrasives and Coated abrasives
- Blasting,surface Treatment,Rust Removal
- Wet and dry blast media,grinding and polishing etc
- Floor/Wall laminates,Wear-resistant
- Ceramic products: Ceramic and Tiles,Ceramic filter plate,ceramic membrane etc
- Teflon painting etc

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PACKAGING 25/20kgs PVC bags+1MT big bag

The shown values are typical characteristics of the material and shall not be used to prepare specifications. They are submitted to tolerances of the production and meet the present standard of technique. We reserve our right for changes within the scope of technical progress or internal improvement..