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## TECHNICAL DATA SHEET

**PRODUCT:** BLACK SILICON CARBIDE/CARBORUNDUM/SiC

**SIZE:**P12-P5000

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 <sub>F</sub>	≤0.20%
Fe <sub>2</sub> O <sub>3</sub>	≤0.40%
SiO <sub>2</sub>	≤0.05%

### **PHYSICAL PROPERTIES(TYPICAL)**

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

### **MAIN APPLICATIONS**

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

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### **EXACT AVAILABLE SIZES**

P12 P16 P20 P24 P30 P36 P40 P50 P60 P80 P100 P120 P150 P180 P220 P240 P280 P320 P360 P400 P500  
P600 P800 P1000 P1200 P1500 P2000 P2500 P3000 P4000 P5000

**PACKAGING** 25kgs PVC bags+1MT big bag/pallet

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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..