SUNTEK
Advanced Materials

Room 1601,1608, Tower A, Zensun Int'l Plaza, Zhengzhou 450009, China
Tel: +86 371 65331060
sales@suntekmaterial.com
www.suntekmaterial.com

Silicon Carbide Powder for Reaction Bonded Ceramic

Reaction bonded silicon carbide, also known as RB SiC, which is manufactured by the reaction between silicon carbide, carbon with molten silicon. Because of its excellent wear-resistant and impact-resistant ability, RB SiC ceramic is an ideal surface wear-resisting material for material transfer equipment in mining, iron & steel works, thermal & power plants, mine, etc, and can extend operating life of equipment effectively.



SUNTEK supplies a full series of SiC F240 to F1200, which is special designed for production of high quality RB SIC ceramic. **SUNTEK** SiC powder is characterized as high purity, homogeneous grain shape, excellent flow ability and uniform size distribution.









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SIC Powder for Reaction Bonded Ceramic

Products	SIC (%)	Fe2O3 (%)	F.C. (%)	D50 (um)
F240	99.4 min	0.1 max	0.07 max	44.5+/- 2.0
F280	99.4 min	0.1 max	0.07 max	36.5+/- 1.5
F320	99.4 min	0.1 max	0.07 max	29.2+/- 1.5
F360	99.4 min	0.08 max	0.07 max	22.8+/- 1.5
F400	99.3 min	0.08 max	0.08 max	17.3+/- 1.0
F500	99.3 min	0.07 max	0.08 max	12.8+/- 1.0
F600	99.3 min	0.07max	0.08 max	9.3+/- 1.0
F800	99.2 min	0.07max	0.08 max	6.5+/- 1.0
F1000	99.2 min	0.05max	0.1 max	4.5+/- 0.8
F1200	99.2 min	0.05max	0.1 max	3.0+/- 0.5

Size can be customized as per specific requirement.



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