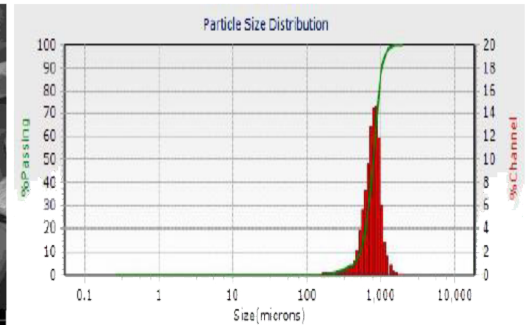
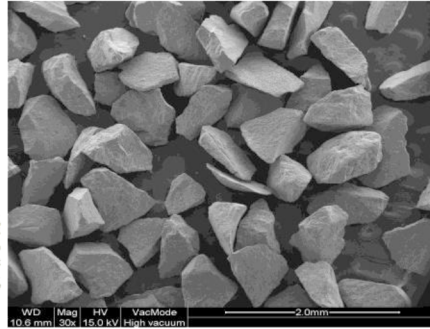


High Purity β -sic powder

- Nitrogen concentration in SI-SiC Powder is ≤ 0.15 ppm, N-Type is ≤ 9.0 ppm
- Particle size distribution can be adjusted according to customer's needs.



1. Typical Trace Elements

Elements	Unit	Spec
Mg	ppm	≤ 0.05
Al	ppm	≤ 0.10
Na	ppm	≤ 0.05
K	ppm	≤ 0.10
Ca	ppm	≤ 0.20
Ti	ppm	≤ 0.05
V	ppm	≤ 0.09
Cr	ppm	≤ 0.01
Mn	ppm	≤ 0.03
Fe	ppm	≤ 0.20
Ni	ppm	≤ 0.05
Co	ppm	≤ 0.05
Cu	ppm	≤ 0.02
Purity	%	≥ 99.9999
Tap Density	g/cm ³	≥ 1.8
Packing Density	g/cm ³	≥ 1.5

2. SIMS Analysis Result & Specifications

[ppm wt]

Items	"N" concentration Spec	"B" concentration Spec
SI-SiC Powder	$\leq 1.5E-01$	$\leq 5.0E-01$
N-type Powder	$\leq 9.0E+00$	$\leq 5.0E-01$

3. Product Model Name & PSD (D50) Size

Powder Size	SI-SiC Powder	N-type Powder
450 μ m	KSP450H	KSP450M
650 μ m	KSP650H	KSP650M
1~2mm	KSP1500H	KSP1500M
2~3mm	KSP2500H	KSP2500M
3~5mm	KSP4000H	KSP4000M
5~7mm	KSP6000H	KSP6000M
7~10mm	KSP8500H	KSP8500M
10~13mm	KSP11500H	KSP11500M
13~16.5mm	KSP15000H	KSP15000M
17~21mm	KSP19000H	KSP19000M