

SIKA e-SiC® 3.5N 10 Micron

Product information



High-purity silicon carbide powder for semiconductor and electronic applications

High-purity silicon carbide, manufactured using the Acheson process, is utilized in the semiconductor industry for a wide range of components and devices, including wafer boats, paddles, tubes, flanges, and more.

Chemical analysis by GDMS (Fit to FEPA: F600)

Li ppm	B ppm	Al ppm	S ppm	Ti ppm	V ppm	Cr ppm	Fe ppm	Ni ppm	Cu ppm	Zn ppm	Quality
0.1	2	105	2	19	31	0.6	64	23	0.2	0.1	3.5N

Particle Size Distribution (Malvern Mastersizer)

D10 %	D50 %	D90 %
19.2µm	9.8µm	3.0µm

Chemistry according to ANSI B74.15

Free C %	Free SiO ₂ %	Free Si %	Fe ₂ O ₃ %	Al ₂ O ₃ %	CaO %	SiC %
0.06	0.13	0.03	0.011	0.001	0.0017	99.77

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