

SIKA e-SiC® 3.5N 800F (2-3 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

Li ppm	B ppm	Al ppm	S ppm	Ti ppm	V ppm	Cr ppm	Fe ppm	Ni ppm	Cu ppm	Zn ppm	Quality
<1	3	157	34	28	18	<1	15	3	<1	<1	3.5N

Particle Size Distribution (Malvern Mastersizer)

D10 %	D50 %	D90 %
9.7µm	2.4µm	0.7µm

Chemistry according to ANSI B74.15

Free C %	Free SiO ₂ %	Free Si %	Fe ₂ O ₃ %	Al ₂ O ₃ %	CaO %	SiC %
0.18	0.50	0.02	0.004	0.001	0.0060	99.29

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