

# SIKA e-SiC® 3.5N 30 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	1	107	2	24	42	0.4	60	16	<1	<1	3.5N

### Particle Size Distribution (Malvern Mastersizer)

D10 %	D50 %	D90 %
75.3µm	26.2µm	10.5µm

### Chemistry according to ANSI B74.15

Free C %	Free SiO <sub>2</sub> %	Free Si %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	CaO %	SiC %
0.04	0.05	0.05	0.013	0.001	0.0012	99.84

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