SIKA e-SiC® 3.5N 220F
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.

Typical chemistry

Char. description	Unit	Value
Free C	%	0,09
Free Si	%	0,03
Total O_2	%	0,04
Al	ppm	160
Fe	ppm	26
Ni	ppm	22
V	ppm	112
Ca	ppm	8
Cr	ppm	1
Cu	ppm	1
Ti	ppm	84
Zr	ppm	12
Mg	ppm	4

Sizing according to Malvern Mastersizer

Char. description	Unit	Value
d10%	µm	111
d50%	µm	65
d90%	µm	35

Analytical procedures:

All measurement is in accordance to FEPA, ANSI or JIS, or other methods in agreement with customers.

Packaging:

25 kg paper bags

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SIKA Silicon Carbide