SIKA e-SiC® 3.5N FCP07
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
PSD instrument		Sedigraph
ds 15%	µm	0,5
ds 50%	µm	2,1
ds 95%	µm	8,3
pH	-	5,0
Surface Area	m^2/g	6,7
Conductivity	µS/cm	7,8
Free C	%	0,29
Free Si	%	0,11
Total O_2	%	0,88
Al	ppm	111
Ti	ppm	54
V	ppm	87
Fe	ppm	395
Ni	ppm	45
Ca	ppm	19
Zr	ppm	11

Analytical procedures:

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

SIKA Silicon Carbide