

## High purity silicon carbide powders for semiconductor and electronic applications.

High-purity silicon carbide, produced by Acheson process, for various components and devices in the semiconductor industry, such as wafer boats, paddles, tubes, flanges, etc.

### Typical Chemistry

Char. description	Unit	Lower Limit	Upper Limit
PSD instrument		Sedigraph	
ds 15%	µm	0,3	0,6
ds 50%	µm	1,9	2,5
ds 94%	µm	6,5	8,5
pH	-	4,5	5,5
Surface Area	g/cm <sup>3</sup>	5,8	7,2
Conductivity	µS/cm	-	12,0
Free C	%	-	0,40
Free Si	%	-	0,35
Total O <sub>2</sub>	%	-	1,30
Al	ppm	-	200
Ti	ppm	-	130
V	ppm	-	150
Fe	ppm	-	800
Ni	ppm	-	100
Ca	ppm	-	40
Zr	ppm	-	20

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