

Ultra Fine SiC Powder



- ▶ AFSC series fine and high purity SiC powder.
- ▶ Ceramic parts for applications where very low contamination is allowed such as all kinds of vacuum equipment in semiconductor & LED industries.
- ▶ Materials with excellent morphology and particle size distribution for ceramic grinding applications.
- ▶ High purity ultrafine powder suitable for surface coating and porous structure applications.

Typical Characteristics

Product		Unit	AFSC4	AFSC3	AFSC2S	Remarks
Particle Size (D50)		μm	1~6	0.7	0.5	Particle Size by Laser Analyzer
	Elements					
Purity	SiC	%	≥99.99	≥99.90	≥99.00	
	Al	%	0.001	0.001	0.001	GDMS
Impurity	Fe	%	0.01	0.05	0.60	
	Ni	%	0.01	0.05	0.05	
	Ca	%	0.001	0.001	0.001	
	Ti	%	0.001	0.001	0.001	
	V	%	0.001	0.001	0.001	
Na	%	0.001	0.001	0.001		
Bulk Density		g/cm ³	0.8	0.4	0.4	Apparent density

