

semicera

Semicera Semiconductor Technology Co., Ltd

Address: Zhongguan West Road 777, Zhenhai District, Ningbo, Zhejiang, 315201, China

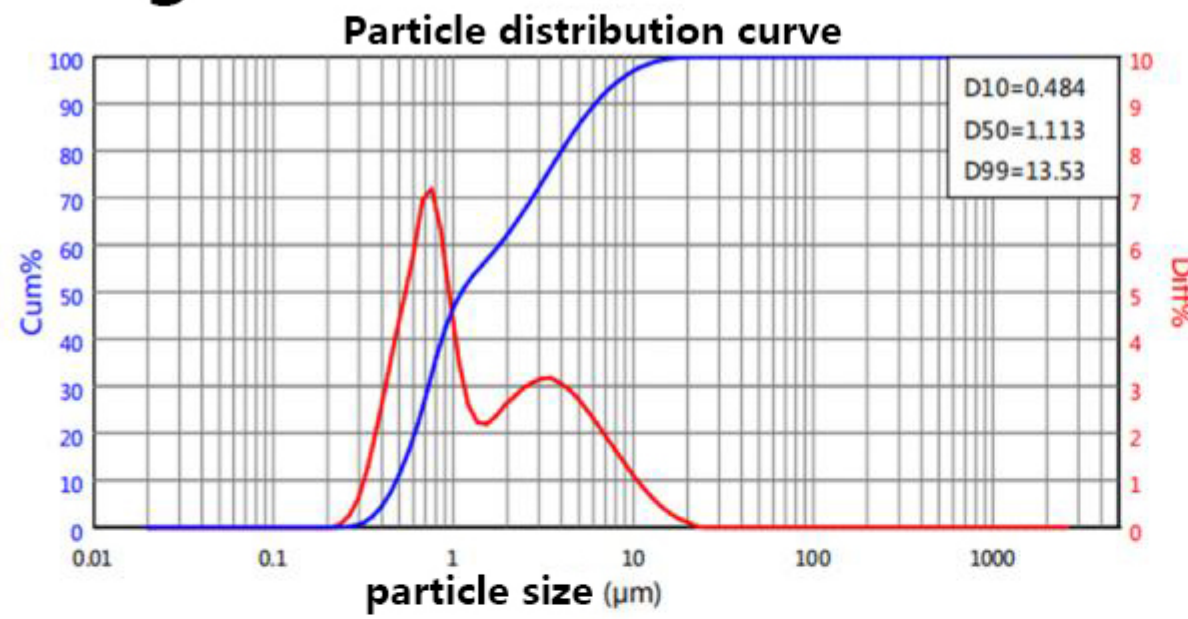
Phone: 86-15957878134

Company Profile

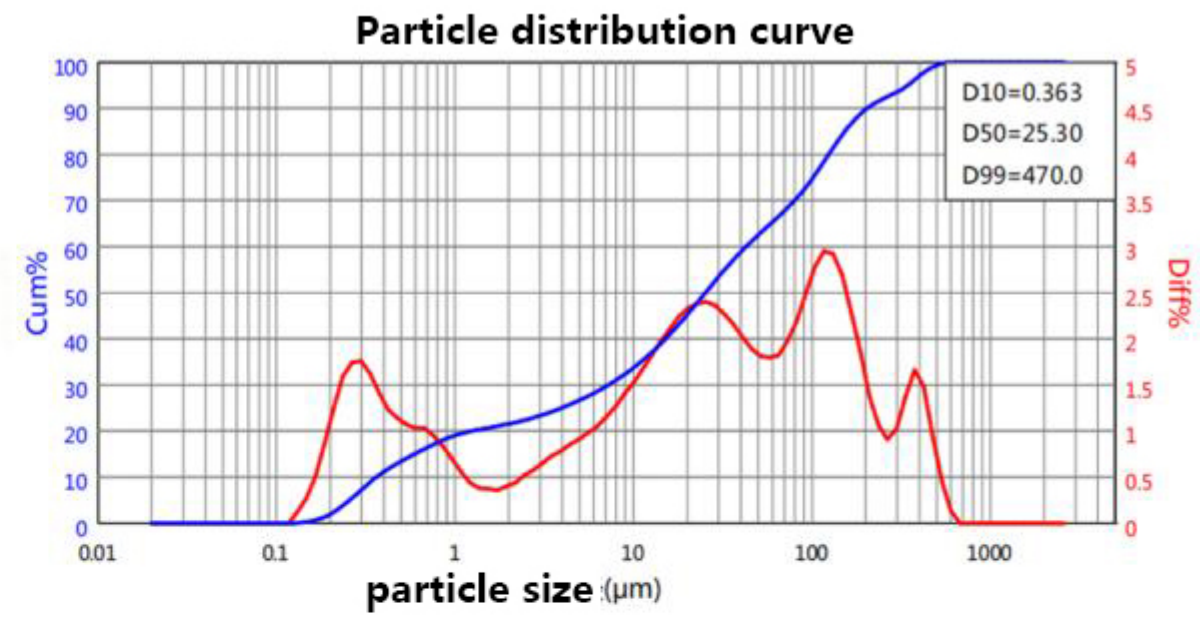


Semicera Semiconductor Technology Co., Ltd is a technology-driven enterprise focused on the research, development, production, and sales of semiconductor materials. Established in 2018 and located in Ningbo, Zhejiang Province, the company is dedicated to the development of new semiconductor materials, with a focus on SiC coating technology and its applications in the semiconductor industry. Founded by a former Chinese Academy of Sciences professor with extensive experience in semiconductor materials, the company boasts a core team of industry professionals with strong technical backgrounds. With dual R&D centers and robust team configurations, including the R&D Center and the Yongjiang Laboratory Thermal Field Materials Innovation Center, the company leverages technological innovation to continuously enhance product quality and performance, meeting the evolving needs of customers. Adhering to the corporate philosophy of "Professionalism, Innovation, Service, and Win-Win," the company collaborates with global clients to create a brighter future together.

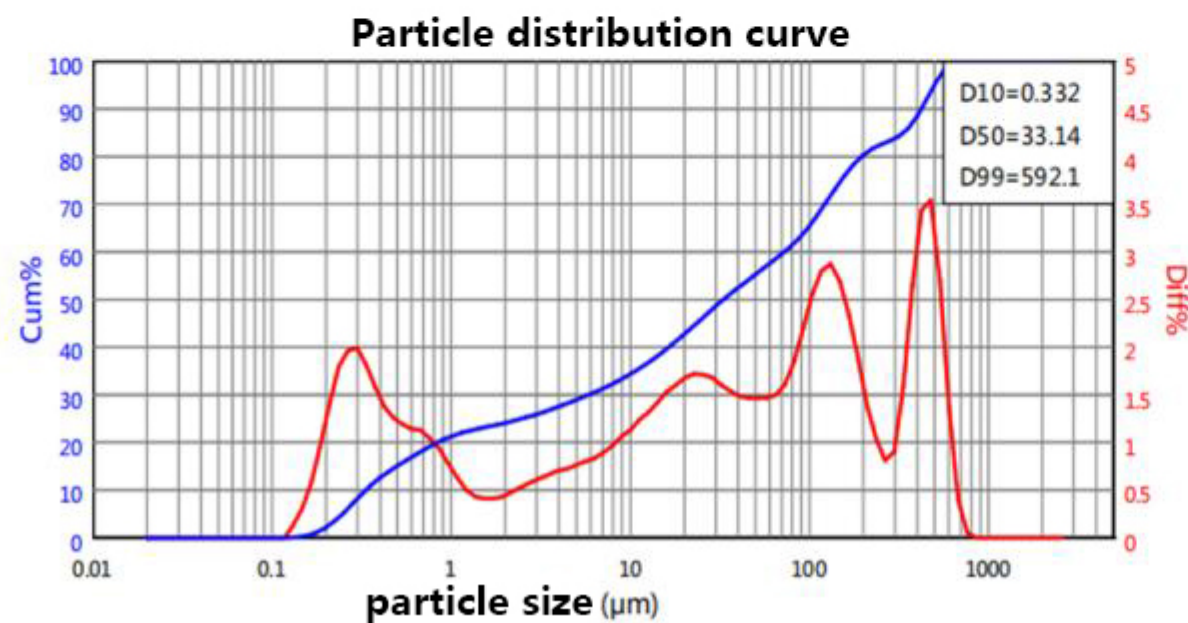
1. Particle Size Range: Covering submicron to millimeter scales.



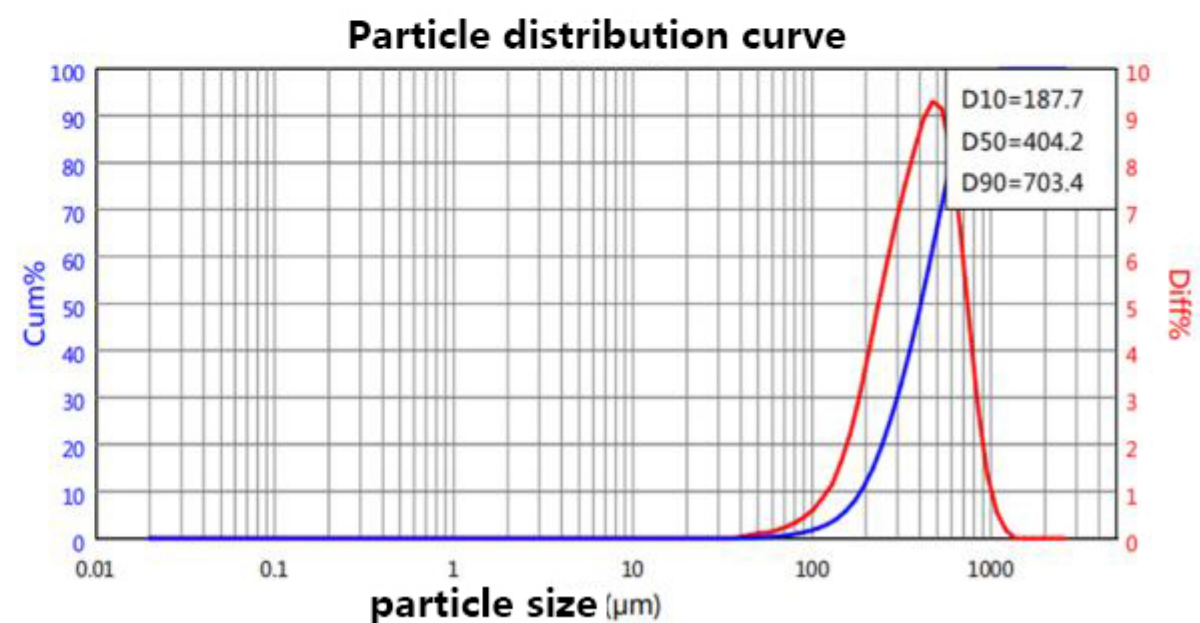
1-2µm



20-30µm



30-40µm



400-425µm

2. Powder Purity

GDMS Purity: SiC=99.9989% Unit: ppm wt

Element	Content	Element	Content
Li	< 0.01	Ag	< 0.1
Be	< 0.01	Cd	< 0.5
B	0.33	In	< 0.5
C	main element	Sn	< 0.5
F	< 1	Sb	< 0.5
Na	0.12	Te	< 0.1
Mg	0.13	I	< 5
Al	0.6	Cs	< 0.1
Si	main element	Ba	< 0.05
P	0.38	La	< 0.5
S	1.5	Ce	< 0.1
Cl	0.52	Pr	< 0.5
K	< 0.1	Nd	< 0.05
Ca	< 0.1	Sm	< 0.05
Sc	< 0.1	Eu	< 0.05
Ti	0.07	Gd	< 0.05
V	3	Tb	< 0.05
Cr	0.13	Dy	< 0.05
Mn	< 0.05	Ho	< 0.05
Fe	2	Er	< 0.05
Co	0.15	Tm	< 0.05
Ni	1.7	Yb	< 0.05
Cu	< 0.05	Lu	< 0.05
Zn	< 0.05	Hf	< 0.05
Ga	< 0.05	Ta	< 10
Ge	< 0.05	W	0.42
As	< 0.05	Re	< 0.05
Se	< 0.1	Os	< 0.01
Br	< 0.1	Ir	< 0.01
Rb	< 0.1	Pt	< 0.01
Sr	< 0.05	Au	< 0.5
Y	< 0.1	Hg	< 0.1
Zr	< 0.1	Tl	< 0.05
Nb	< 0.1	Pb	< 0.05
Mo	0.15	Bi	0.03
Ru	< 0.01	Th	< 0.005
Rh	< 0.01	U	< 0.005
Pd	< 0.1		

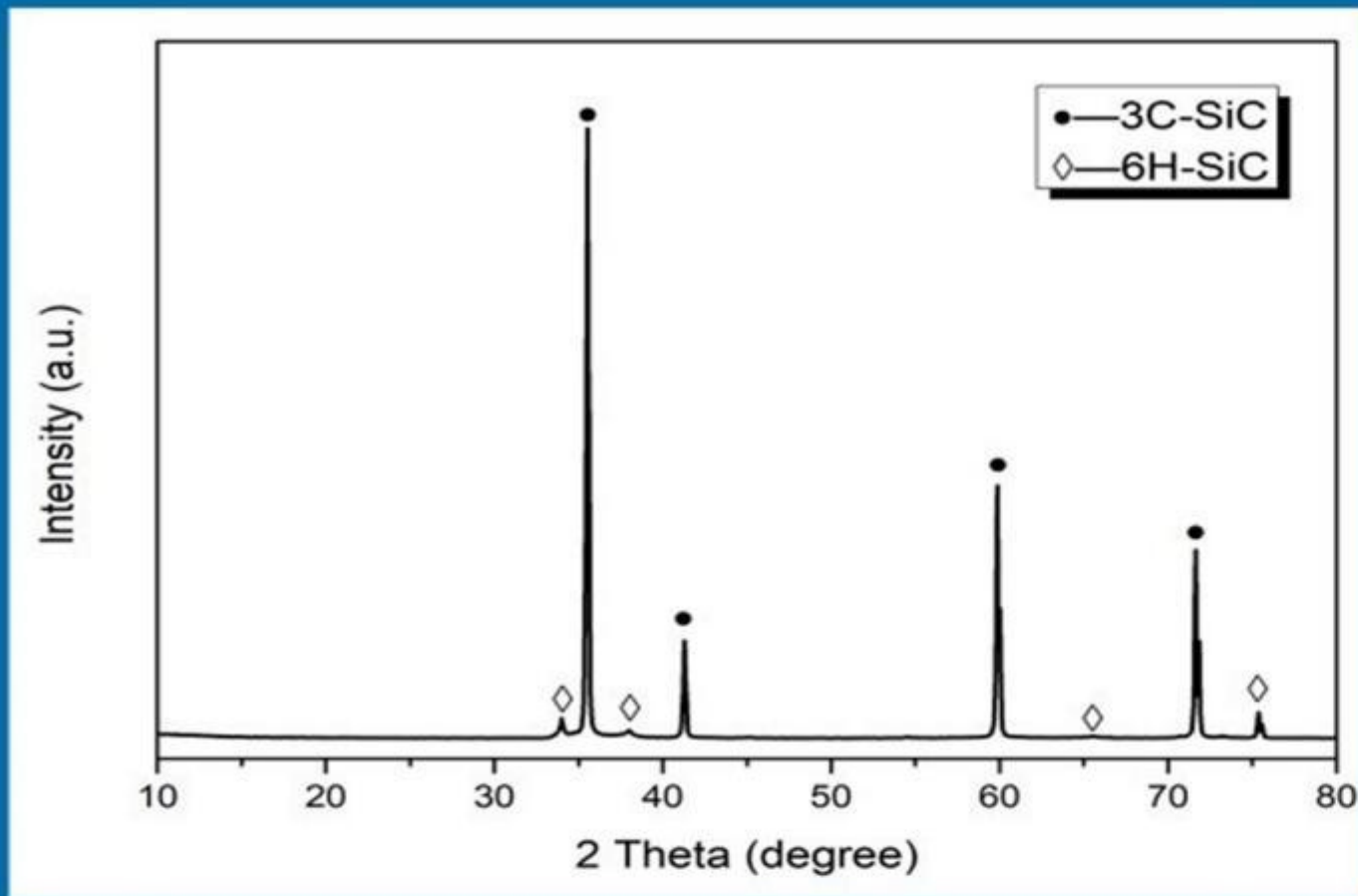
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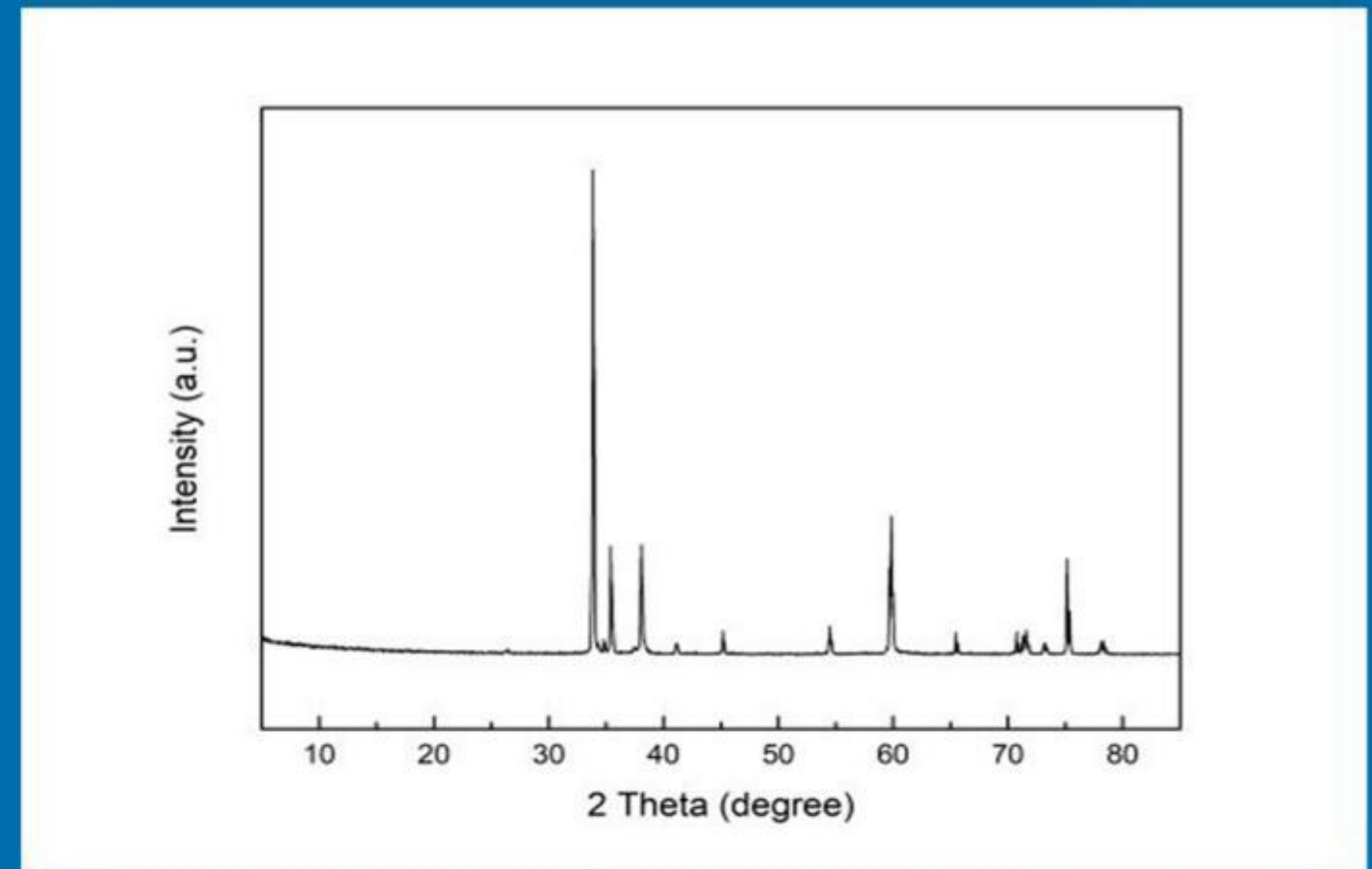
4N testing report

3. Powder Crystals

Customizable powder mixing ratios based on customer requirements

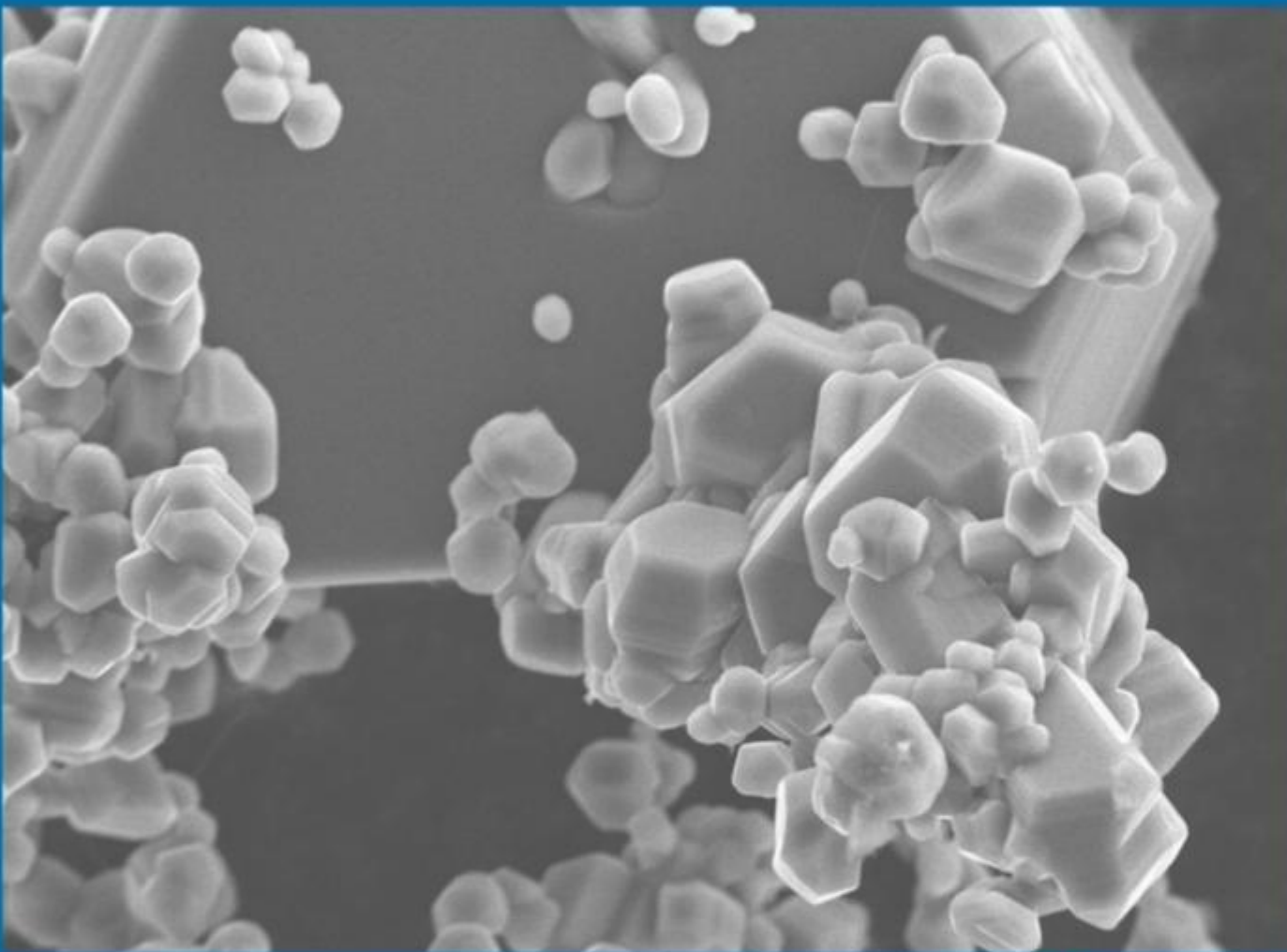


β -SiC $\geq 98\%$

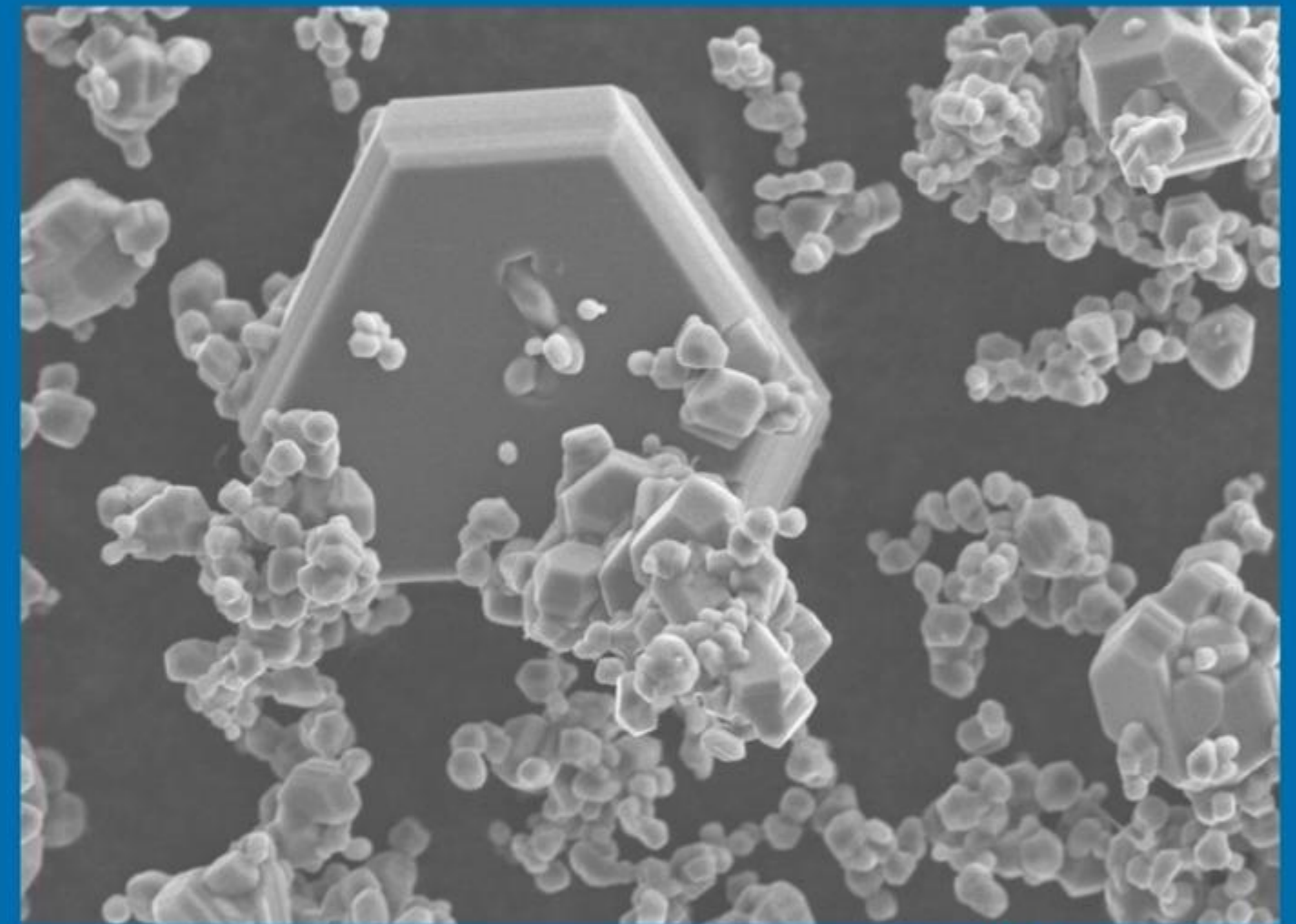


Pure α -SiC

4. Microscopic Morphology

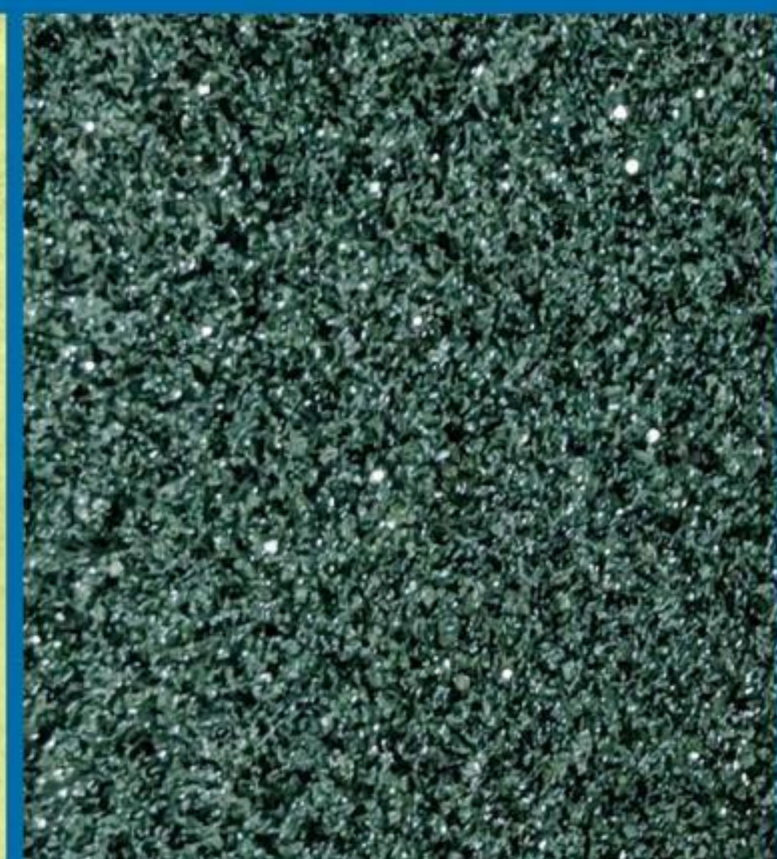


20 μ m



50 μ m

5. Macroscopic Morphology



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