

Boron Carbide

Product information

Submicron boron carbide for technical applications.

New processing techniques secure submicron B₄C to the highest quality with low Oxygen and free Carbon content.

Chemical Formula	B ₄ C
Chemical Name	Boron Carbide
HS Number	28499010

Chemical Characteristics

Tests	Results/Units	Methods
B	79.0%	Boron by Titration
C	19.2%	LECO Furnace
N	0.2%	LECO Furnace
O	1.4%	LECO Furnace

Physical Characteristics

Particle Size Distribution		Typical Values	BET Surface Area Measurement	
D 90 %		2.3µm	BET	15 m ² /g
D 50 %		0.8µm		
D 10 %		0.1µm		