

### GENERAL INFORMATION

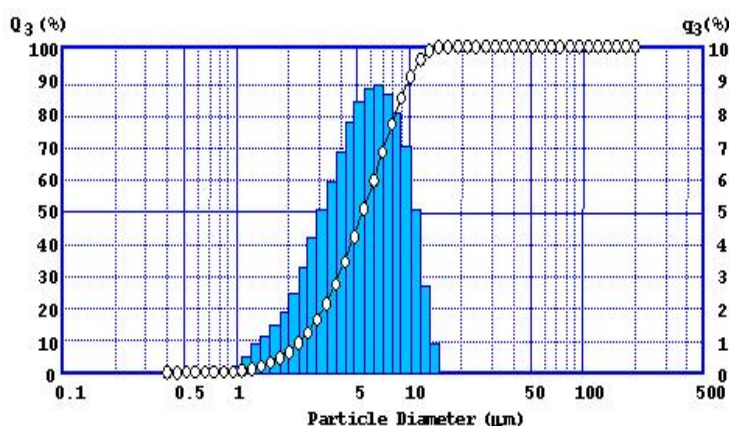
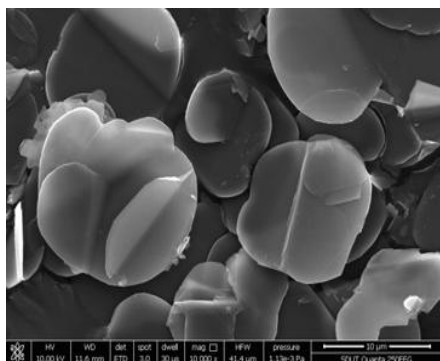
PJ-10 is a high-purity powder characterized by a single-crystal grain size of less than 12 microns and an average particle size of approximately 10 microns. It exhibits a hexagonal, platelet-like morphology. Having undergone a specialized purification process, it features a large specific surface area, high whiteness, low total oxygen content, and a uniform crystalline phase distribution.

### APPLICATIONS

PJ-10 Boron Nitride is utilized in high-purity, hot-pressed BN raw materials, as well as in the fields of insulating and thermally conductive materials, and cosmetics.

### INDICATORS

Item	PJ-10
Crystal	Hexagonal
BN Content (%)	99.7
C (%)	0.05
B <sub>2</sub> O <sub>3</sub> (%)	<0.1
Total Oxygen (%)	<0.3
Si, Al, Ca (%)	<10ppm each
Cd, Pb, Hg, Cr, Sb, As (%)	0
D50	9-11 μm
Crystal Size	<12 μm
BET (m <sup>2</sup> /g)	3-15
Tap Density (g/cm <sup>3</sup> )	0.10-0.40



### PACKAGE & STORAGE

Package: 10 kg/drum (with pallet).

Storage: Keep tightly sealed and stored in a cool, dry and well-ventilated area.