

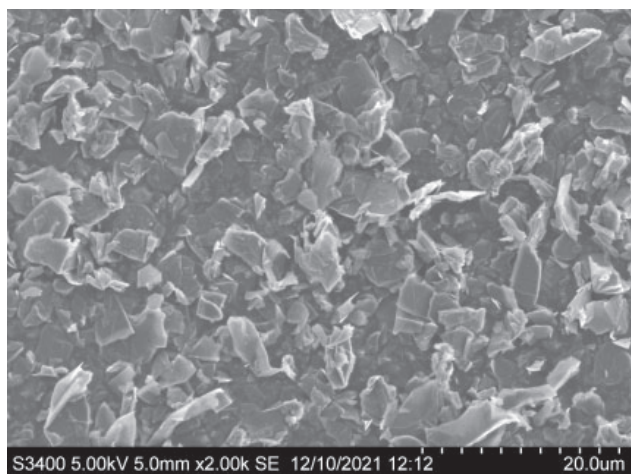
LBG8004

Product Type

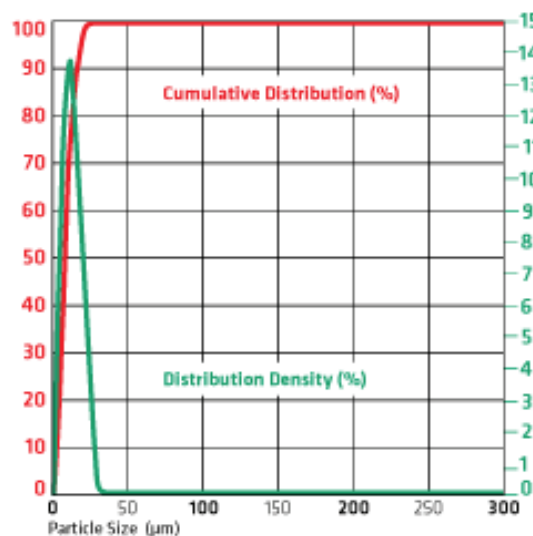
LBG8004 is a purified flake product manufactured using Superior Graphite's proprietary electro-thermal purification technology. This continuous high-temperature process exposes the flake graphite to extremely high temperatures so that impurities, including inorganic contaminants, are sublimed. LBG8004 is the ultra fine size grade of the 'Thermally Purified Flake' product line produced using Superior Graphite's dedicated milling and screening technology. Main uses are Coefficient of Friction reduction, relatively inexpensive battery material performance additive.

Product Characteristics

- High Purity
- High Crystallinity
- Defined Texture
- Well-Defined Particle Size Distribution



LBG8004 Particle Size Distribution



Main Properties

Carbon	>99.9%
Ash	<0.1%
Moisture	<0.5%
Size	D50=4-5 µm
Scott Volume	<0.1 g/cc
Surface Area	<13.5 m ² /g
Fe	<100 ppm

General Information

Formula	Natural Graphite
Chemical Name	Purified Graphite Powder
CASNr	7782-42-5
RoHS	Certified
REACH	Exempted
IMDS	Registered

Standard Packaging

9 kgs bags	40 bags/pallet
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