

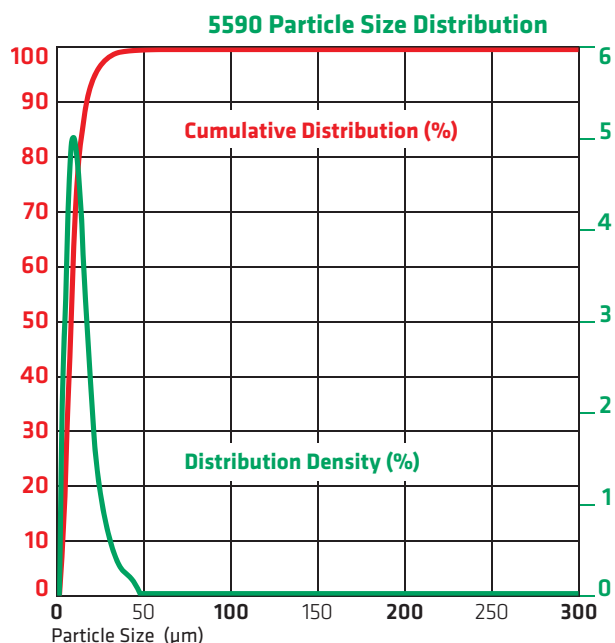
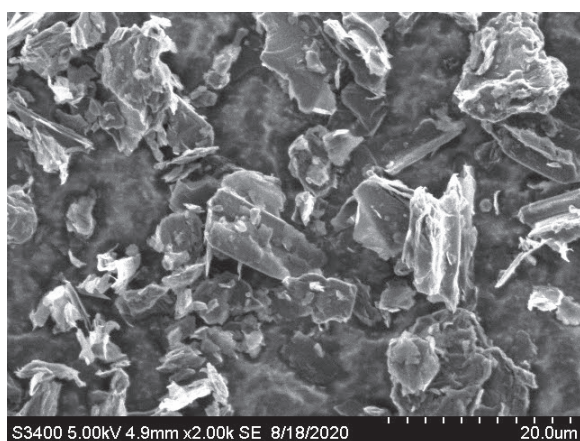
5590

Product Type

5590 is a purified synthetic graphite manufactured using Superior Graphite's proprietary electro-thermal purification technology. This continuous high-temperature process exposes the raw materials to extremely high temperatures, so that impurities including inorganic contaminants are evaporated. 5590 is an ultrafine fine grade within this product line produced using Superior Graphite's dedicated milling and screening technology. Main uses are wear reduction and increase in thermal conductivity for high demanding applications.

Product Characteristics

- High Purity
- High Lubricity
- High Crystallinity
- Consistent Sizing



Main Properties

Carbon	>99.9%
Ash	<0.1%
Sulfur	<0.01%
Moisture	<0.1%
Volatile	<0.6%
Size	D50 = 5-9 µm
Real Density	>2.1 g/cc
ICP Iron	<150 ppm

General Information

Formula	Purified Synthetic Graphite
Chemical Name	Carbon
CASNr	7782-42-5
RoHS	Certified
REACH	Registered
IDMS	Registered

Standard Packaging

25 lbs bags	50 bags/pallet
1,000 lbs*	1 bag/pallet

*Not for all markets

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