

## Synthetic Graphite Powders for Lithium-Ion Batteries Grade TS-5545

Synthetic graphite is prized in lithium-ion battery anode powder applications for its high charge and discharge efficiencies. Grade TS-5545 is an uncoated secondary powder designed for lithium-ion battery applications.

Property	Unit	Typical
Particle Size, D50	μm	8.65
Surface Area	m <sup>2</sup> /g	N/A
Tap Density	g/cm <sup>3</sup>	0.90
Scott Density	g/cm <sup>3</sup>	0.50
Ash	ppm	150
Reversible Capacity	mAh/g	N/A
IRCL	%	N/A

### Technology



- Largest anode powder Acheson graphitization capacity in the United States.
- Low impurity graphite for increased battery safety.
- Over 135 years of cutting edge carbon and graphite material science experience.

### Customer



- Long history of technical partnership and collaboration with customers to develop custom products for the battery industry.
- World renowned technical team in place and available for immediate collaboration.
- Supply chain security of a domestic manufacturer.
- Continuity of supply ensured by long-term relationships with key raw materials suppliers.

### Quality



- Consistent quality product backed by ISO 9001:2015 accreditation.
- IATF 16949 certification expected in 2020.
- Manufacturing partner with Amsted Industries.