Amsted GRAPHITE MATERIALS

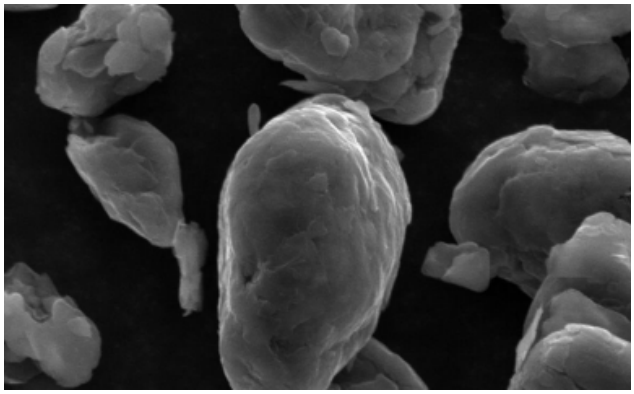
Synthetic Graphite Powders

for Lithium-Ion Batteries

Grade TS-5543

Synthetic graphite is prized in lithium-ion battery anode powder applications for its high charge and discharge efficiencies. Grade TS-5543 is an uncoated secondary powder designed for lithium-ion battery applications.

Property	Unit	Typical
Particle Size, D50	µm	14.9
Surface Area	m^2/g	6.56
Tap Density	g/cm^3	1.04
Scott Density	g/cm^3	0.59
Ash	ppm	150
Reversible Capacity	mAh/g	N/A
IRCL	%	N/A



CONTACT

info@agmwv.com
(304) 624-1200
2698 Philippi Pike
Anmoore, WV 26323

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.*