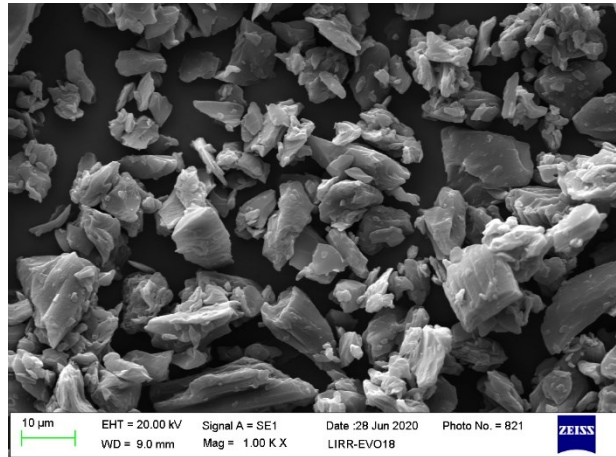


# Anode Material Product Specification

## AP-YXA-S1

### Summary

- **Categories:**  
Artificial Graphite
- **Feature:**  
Long Cycle Life
- **Application:**  
EV and Energy Storage System



### Technical Indicators

No.	Items	Unit	Typical Value	Testing Method	
1	Particle Size (Dv)	D <sub>min</sub>	μm	2.21	GB/T 19077-2016
		D10	μm	7.2	
		D50	μm	16.2	
		D90	μm	30.1	
		D <sub>max</sub>	μm	48.78	
2	Tapped Density	g/cm <sup>3</sup>	1.01	GB/T 21354	
3	Specific Surface Area	m <sup>2</sup> /g	1.68	GB/T 19587-2017	
4	Fixed Carbon Content	%	99.98	GB/ T3521-2008	
5	First Discharge Capacity	mAh/g	348.8	Half Cell (0.1C)	
6	First Discharge Efficiency	%	95.8	Half Cell (0.1C)	
7	True Density	g/cm <sup>3</sup>	2.26	GB/T 224533-2009	
8	Compaction Density	g/cm <sup>3</sup>	1.55	Calendar Density Meter	

### Packaging

- **Packing Material:**  
Packing in standard carton packaging or executed per customer request.
- **Packing Requirement:**  
Sealed with plastic lining.
- **Packing Protection and Transport Protection:**  
Damp-proof and vibration prevention.

### Material Handling, and Storage

- **Storage Condition:**  
Common indoor storehouse (CIS): air temperature, relative humidity: ≤95%.
- **Transportation Condition:**  
Trucking, railway, airline or shipping is required, air temperature, relative humidity: ≤95%.