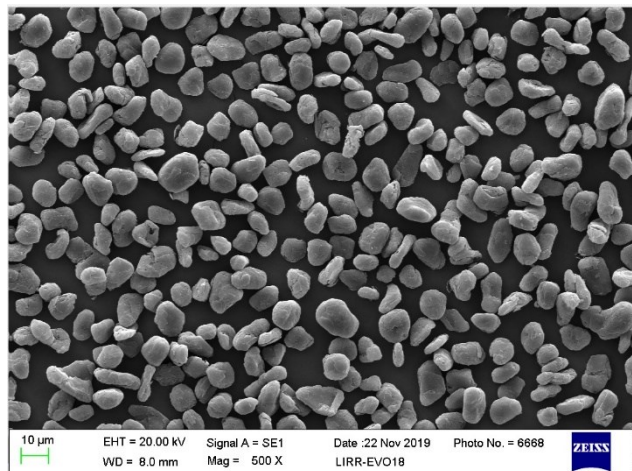


Anode Material Product Specification

AP-TB-8M

Summary

- **Categories:**
Natural Graphite
- **Feature:**
High Energy Density
Long life
- **Application:**
Cylindrical and aluminum shell batteries



Technical Indicators

| No. | Items | Unit | Typical Value | Testing Method | |
|-----|----------------------------|-------------------|---------------|------------------------|-----------------|
| 1 | Particle Size (Dv) | D _{min} | μm | 1.537 | GB/T 19077-2016 |
| | | D10 | μm | 6.25 | |
| | | D50 | μm | 11.68 | |
| | | D90 | μm | 20.52 | |
| | | D _{max} | μm | 38.22 | |
| 2 | Tapped Density | g/cm ³ | 0.991 | GB/T 21354 | |
| 3 | Specific Surface Area | m ² /g | 2.41 | GB/T 19587-2017 | |
| 4 | Fixed Carbon Content | % | 99.987 | GB/ T3521-2008 | |
| 5 | First Discharge Capacity | mAh/g | 369.9 | Half Cell (0.1C) | |
| 6 | First Discharge Efficiency | % | 94.5 | Half Cell (0.1C) | |
| 7 | True Density | g/cm ³ | 2.26 | GB/T 224533-2009 | |
| 8 | Compaction Density | g/cm ³ | 1.65 | 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%.