**Active Material Characteristics**

- **Product Name:** NANOMYTE® BE-200E
- **Product Description:** Graphite electrode sheet
- **Formula:** C
- **Purity:** > 98%
- **Average Particle Size (APS):** 15 – 20 µm
- **Specific Surface Area:** 1.5 – 1.8 m²/g

**Electrode Tape Characteristics**

- **Current Collector:** Copper
- **Current Collector Thickness:** 10 µm
- **Sheet Size:** 5 in x 10 in (12.7 cm x 25.4 cm)
- **Capacity:** 2.4 mAh/cm² ± 5%
- **Anode/Cathode Capacity Ratio:** 1.2 (custom loading available upon request)
- **Tape Thickness:** 60 – 65 µm (excluding current collector)
- **Standard Tape Composition:**
  - 90% Graphite ["C"] (active material)
  - 5% Poly(vinylidene fluoride) ["PVDF"] (binder)
  - 5% Carbon Black ["Super P"] (conductive carbon)

**Electrical Characteristics**

- **Average Voltage vs. Li/Li⁺:** 0.1 V
- **Minimum Delithiation Capacity:** 340 mAh/g
- **Nominal Capacity at 0.1C:** ≥ 365 mAh/g

**Recommended Operating Conditions**

- **Maximum Charge Current:** 5C
- **Maximum Discharge Current:** 10C

**Available Quantities**

- NEI’s standard electrode sheets are ready-to-ship and available in packages of 2, 5, and 10 sheets

**Handling & Storage**

**Precautions for Safe Handling**

Appropriate personal protective equipment should be used at all times. Avoid contact with eyes and skin. Wash hands thoroughly after handling.

**Conditions for Safe Storage**

Store in a dry and well-ventilated place. Avoid moisture.

Refer to SDS for complete information on the safe handling of this material.

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