

### Material Characteristics

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| <b>Product Name:</b>                | NANOMYTE <sup>®</sup> BE-10C  |
| <b>Product Description:</b>         | Carbon-coated Lithium Titanate (LTO) powder                                   |
| <b>Formula:</b>                     | Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> with 1 – 3 wt% carbon coating |
| <b>Purity:</b>                      | > 98%   |
| <b>Average Particle Size (APS):</b> | 3 – 5 μm  |
| <b>Specific Surface Area:</b>       | 16 ± 1 m <sup>2</sup> /g  |

### Electrical Characteristics

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|---|-------------|
| <b>Nominal Voltage vs. Li/Li<sup>+</sup>:</b> | 1.53V       |
| <b>Minimum Capacity:</b>                      | 150 mAh/g   |
| <b>Nominal Capacity at 0.1C:</b>              | ≥ 170 mAh/g |
| <b>Capacity Retention at 30C:</b>             | ≥ 150 mAh/g |

### Recommended Operating Conditions

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|--------------------------------------|-----------------------------|
| <b>Maximum Charge Voltage:</b>       | 3.0V vs. Li/Li <sup>+</sup> |
| <b>Maximum Charge Current:</b>       | 5C                          |
| <b>Cutoff Voltage for Discharge:</b> | 1.0V vs. Li/Li <sup>+</sup> |
| <b>Maximum Discharge Current:</b>    | 10C                         |

### Available Quantities

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NEI's cathode and anode powders are available for purchase in quantities of 500 grams or more.

### Storage & Handling

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#### 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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