

### Material Characteristics

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<b>Product Name:</b>	NANOMYTE® BE-35
<b>Product Description:</b>	Lithium Manganese Oxide (LMO) powder
<b>Formula:</b>	LiMn <sub>2</sub> O <sub>4</sub>
<b>Purity:</b>	> 98%
<b>Average Particle Size (APS):</b>	9 – 11 µm
<b>Specific Surface Area:</b>	0.5 m <sup>2</sup> /g

### Electrical Characteristics

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<b>Nominal Voltage vs. Li/Li<sup>+</sup>:</b>	4.0V
<b>Minimum Capacity:</b>	100 mAh/g
<b>Nominal Capacity at 0.1C:</b>	≥ 110 mAh/g

### Recommended Operating Conditions

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<b>Charge Method:</b>	Constant current – constant voltage
<b>Maximum Charge Voltage:</b>	4.3V vs. Li/Li <sup>+</sup>
<b>Maximum Charge Current:</b>	3C
<b>Cutoff Voltage For Discharge:</b>	3.5V vs. Li/Li <sup>+</sup>
<b>Maximum Discharge Current:</b>	5C

### 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. Provide good ventilation or extraction. Avoid contact with eyes and skin. Wash hands thoroughly after handling.

#### Conditions for Safe Storage

Keep container tightly closed in a moisture-free and well-ventilated place.

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

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