

## NANOMYTE® BE-30 (LMO)

### Material Characteristics

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<b>Product Description:</b>	Lithium Manganese Oxide (LMO) powder
<b>Formula:</b>	LiMn <sub>2</sub> O <sub>4</sub>
<b>Average Particle Size (D<sub>50</sub>):</b>	6 – 7 μm
<b>Specific Surface Area:</b>	1.6 – 2.4 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>	90 mAh/g
<b>Experimental capacity:</b>	≥ 100 mAh/g (3 – 4.2V @ 0.1C)

### Recommended Operating Conditions

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<b>Maximum Charge Voltage:</b>	4.35V vs. Li/Li <sup>+</sup>	<b>Cutoff Voltage for Discharge:</b>	3.0V vs. Li/Li <sup>+</sup>
<b>Maximum Charge Current:</b>	2C	<b>Maximum Discharge Current:</b>	2C

### Available Quantities

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

### Precautions for Safe Storage & Handling

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Personal protective equipment should be used at all times. Avoid contact with eyes and skin. Ensure adequate ventilation and avoid inhalation of dusts. Wash hands thoroughly after handling. Store in a dry and well-ventilated place. Avoid moisture. [Refer to SDS for complete safety information of this material.](#)

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