

Material Characteristics

Product Name:	NANOMYTE [®] BE-10
Product Description:	Lithium Titanate (LTO) powder
Formula:	Li ₄ Ti ₅ O ₁₂
Purity:	> 98%
Average Particle Size (APS):	1.5 – 3 μm
Specific Surface Area:	5 – 9 m ² /g

Electrical Characteristics

Nominal Voltage vs. Li/Li⁺:	1.53V
Minimum Capacity:	150 mAh/g
Nominal Capacity at 0.1C:	≥ 170 mAh/g

Recommended Operating Conditions

Maximum Charge Voltage:	3.0V vs. Li/Li ⁺
Maximum Charge Current:	5C
Cutoff Voltage for Discharge:	1.0V vs. Li/Li ⁺
Maximum Discharge Current:	10C

Available Quantities

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

Storage & Handling

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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