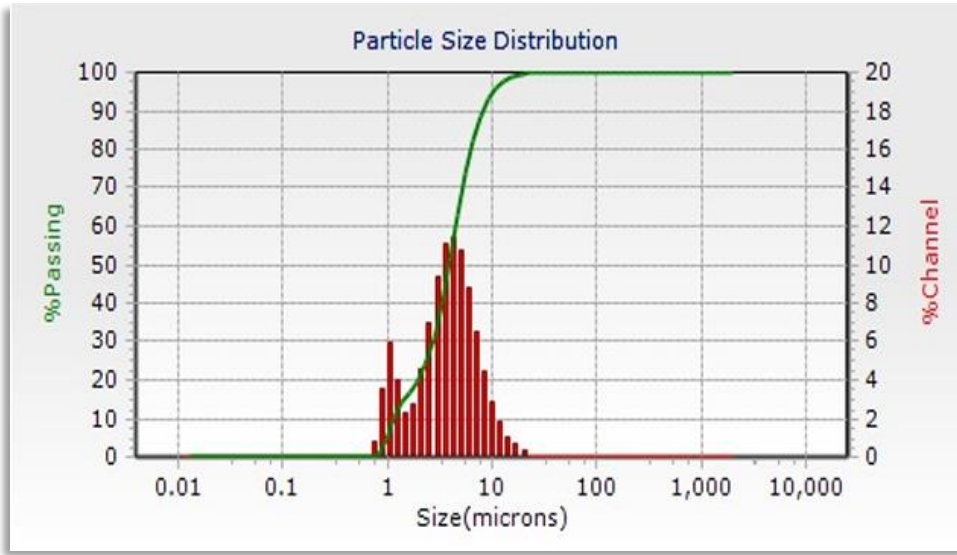
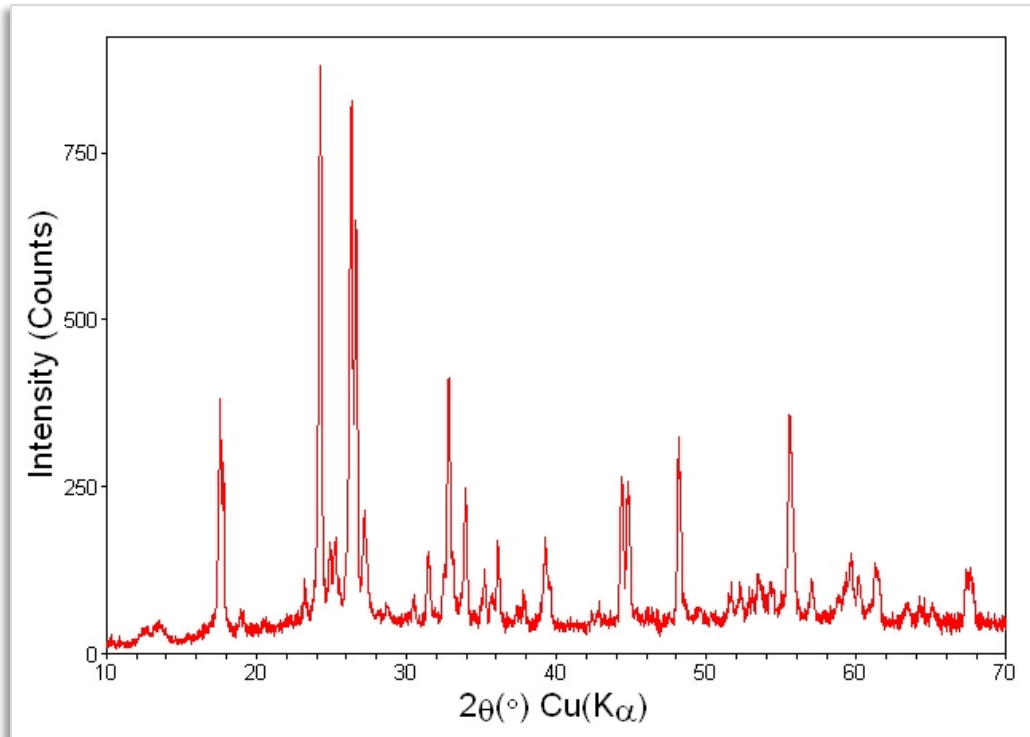


Active Material Characteristics

NEI Product Name: NANOMYTE® BE-600
Product Description: Titanium Niobium Oxide powder
Formula: $TiNb_2O_7$
Morphology: Polycrystalline
Specific Surface Area: ~ 1.37 m²/g
Average Particle Size (D₅₀): ~ 3.81 μm



Percentiles	
% Tile	Size(um)
10.00	1.146
20.00	2.004
30.00	2.695
40.00	3.26
50.00	3.81
60.00	4.44
70.00	5.19
80.00	6.22
90.00	8.10
95.00	10.18



Electrochemical Characteristics

Typical First Charge Capacity:	235 mAh/g
Typical First Discharge Capacity:	255 mAh/g
Minimum First Discharge Capacity:	≥ 245 mAh/g (@ 0.1C)
Voltage Range:	2.5 – 1.0 V

Available Quantities

NEI's TNO anode powder is available in quantities of 100g, 250g, 500g, 1kg, and 5kg

Precautions for Safe Storage & Handling

Appropriate personal protective equipment should be used at all times. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed. Keep container tightly closed in a dry and well-ventilated place. Incompatible with strong oxidizing agents and strong bases.

Refer to [SDS](#) for complete safety information of this material.

NOTE: NEI Corporation believes that the information in this spec sheet is an accurate description of the typical use of the product. However, NEI disclaims any liability for incidental or consequential damages, which may result from the use of their products that are beyond its control. Employers should use this information only as a supplement to other information gathered by them and should make independent judgments of suitability of this information to ensure proper use and protect the health and safety of employees. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, efficacy, and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual right.