

Electrode Sheets for Sodium-ion Batteries

Unlock the Future of Sustainable Energy with NANOMYTE®

Accelerate your research and development of sodium-ion batteries with NEI's cathode and anode electrode sheets. Pre-processed and ready-to use, our electrode sheets eliminate the need for time-consuming slurry preparation, streamlining your workflow and saving valuable time. Our electrode sheets utilize our high-quality Na-ion cathode and anode materials, specifically designed to maximize the potential of sodium-ion battery applications.

Explore how our electrode sheets can take your sodium-ion battery development to the next level!

NANOMYTE® Cathode Electrode Sheets:

Product ID	Product Description	Formula	Structure
NAB-10E	Sodium Chromium Oxide electrode sheets	NaCrO_2	Hexagonal
NAB-20E	Sodium Cobalt Oxide electrode sheets	$\text{Na}_{0.7}\text{CoO}_{2+x}$	Hexagonal
NAB-30E	Sodium Manganese Oxide electrode sheets	$\text{Na}_{0.44}\text{MnO}_2$	Hexagonal
NAB-35E	Sodium Manganese Oxide electrode sheets	$\text{Na}_{0.7}\text{MnO}_{2+x}$	Orthorhombic
NAB-40E	Sodium Cobalt Phosphate electrode sheets	NaCoPO_4	Orthorhombic
NAB-50E	Sodium Nickel Phosphate electrode sheets	NaNiPO_4	Orthorhombic
NAB-60E	Sodium Iron Phosphate (maricite) electrode sheets	NaFePO_4	Orthorhombic
NAB-70E	Sodium Manganese Phosphate electrode sheets	NaMnPO_4	Orthorhombic
NAB-80E	Sodium Iron Hexacyanoferrate ("Prussian Blue") electrode sheets	$\text{Na}_{0.61}\text{Fe}[\text{Fe}(\text{CN})_6]_{0.94}$	Cubic
NAB-85E	Sodium Manganese Hexacyanoferrate ("Prussian White") electrode sheets	$\text{Na}_{1.79}\text{Mn}[\text{Fe}(\text{CN})_6]_{0.87}$	unknown

NANOMYTE® Anode Electrode Sheets:

Product ID	Product Description	Formula	Structure
NAB-100E	Sodium Metatitanate electrode sheets	$\text{Na}_2\text{Ti}_3\text{O}_7$	Monoclinic
NAB-150E	Sodium Titanium Oxide electrode sheets	$\text{Na}_4\text{Ti}_5\text{O}_{12}$	Hexagonal
NAB-200E	Sodium Titanium Phosphate electrode sheets	$\text{NaTi}_2(\text{PO}_4)_3$	Hexagonal
NAB-200CE	3 wt% Carbon-coated Sodium Titanium Phosphate electrode sheets	$\text{NaTi}_2(\text{PO}_4)_3$	Hexagonal
NAB-300E	Hard Carbon anode electrode sheets	C	n/a

Ready-to-Use and Custom Solutions

NEI's cathode and anode electrode sheets offer a reliable and efficient solution for researchers and developers. We offer standard, ready-to-use single and double-sided 5 x 10 inches (127 mm x 254 mm) sheets that are coated edge-to-edge, or we can modify specifications to accommodate your unique requirements, such as different active material loadings, binder type, sheet size, tab areas, electrode composition, and more.

Explore how our electrode sheets can take your battery development to the next level and **request a quote today!**

www.neicorporation.com

400 Apgar Drive, Unit E | Somerset, NJ 08873 | (732) 868-3141 | sales@neicorporation.com