

Cathode & Anode Powders for Li-ion Batteries

Power Your Next Lithium-ion Battery Project with NANOMYTE®

Push the boundaries of lithium-ion battery performance with NEI Corporation's comprehensive selection of cathode and anode materials, designed to elevate your energy storage solutions. Our extensive product range includes industry-leading cathode powders known for their exceptional capacity and cycling stability, and anode materials like graphite, to maximize efficiency and safety. Whether you're developing next-generation electric vehicles, long-lasting consumer electronics, or innovative energy storage systems, NEI is your trusted partner for advanced lithium-ion battery materials. Browse our selection and find the perfect fit for your battery needs today!

NANOMYTE® Cathode & Anode Powders

Product	Product Description	Particle Size	Capacity (0.1C)
BE-10	Lithium Titanate ($\text{Li}_4\text{Ti}_5\text{O}_{12}$) anode powder	1.5 – 3 μm	≥ 170 mAh/g
BE-10C	Carbon-coated Lithium Titanate ($\text{Li}_4\text{Ti}_5\text{O}_{12}$) anode powder	3 – 5 μm	≥ 170 mAh/g
BE-30	Lithium Manganese Oxide (LiMn_2O_4) cathode powder	6 – 7 μm	≥ 110 mAh/g
BE-35	Lithium Manganese Oxide (LiMn_2O_4) cathode powder	9 – 11 μm	≥ 110 mAh/g
BE-45	Lithium Nickel Cobalt Aluminum Oxide ($\text{LiNi}_{0.8}\text{Co}_{0.15}\text{Al}_{0.05}\text{O}_2$) cathode powder	11 – 13 μm	≥ 190 mAh/g
SP-10	Lithium Manganese Nickel Oxide (LMNO) cathode powder	4 – 7 μm	≥ 130 mAh/g
SP-10C	LATP-coated Lithium Manganese Nickel Oxide cathode powder	5 – 8 μm	≥ 125 mAh/g
BE-600	Titanium Niobium Oxide (TiNb_2O_7) anode powder	3 – 4 μm	≥ 255 mAh/g

Additional Cathode & Anode Powders

Product	Product Description	Particle Size	Capacity (0.1C)
CBP-20	Lithium Cobalt Oxide (LiCoO_2) cathode powder	12 μm	≥ 170 mAh/g
CBP-50*	Lithium Nickel Manganese Cobalt Oxide ($\text{LiNi}_{0.33}\text{Mn}_{0.33}\text{Co}_{0.33}\text{O}_2$) cathode powder	11 μm	≥ 170 mAh/g
CBP-52*	Lithium Nickel Manganese Cobalt Oxide ($\text{LiNi}_{0.5}\text{Mn}_{0.3}\text{Co}_{0.2}\text{O}_2$) cathode powder	11 μm	≥ 185 mAh/g
CBP-54*	Lithium Nickel Manganese Cobalt Oxide ($\text{LiNi}_{0.6}\text{Mn}_{0.2}\text{Co}_{0.2}\text{O}_2$) cathode powder	12 μm	≥ 195 mAh/g
CBP-58*	Lithium Nickel Manganese Cobalt Oxide ($\text{LiNi}_{0.85}\text{Mn}_{0.05}\text{Co}_{0.1}\text{O}_2$) cathode powder	10 μm	≥ 210 mAh/g
CBP-60	Lithium Iron Phosphate (LiFePO_4) cathode powder	1.5 μm	≥ 160 mAh/g
ABP-200	Graphite (C) anode powder	15 – 20 μm	≥ 370 mAh/g

*Product also available with a LiNbO_3 coating; **Minimum varies by material

Available & Custom Options

NEI's cathode & anode powders for Li-ion batteries are available starting in 100g – 500g quantities** and shipped directly from Somerset, NJ (USA). Looking for a particular material or composition not listed? Let NEI make it for you! We can custom produce or modify any anode or cathode material of your choice.

Request your quote today!

August 2024

www.neicorporation.com

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