



Enabling Breakthrough Performance

LB 200 Series Data Sheet

Carbon Nanotube/H₂O Conductive Paste



- A conductive paste uses the vapor grown multi-wall carbon nanotubes and water (H₂O)
- The paste is used for enhancing Lithium-ion battery's performance, especially the power density and cycle life time, by leveraging the carbon nanotube's high conductivity and very large aspect ratio. Substitution of carbon black in current batteries is the primary usage of the paste
- The product can be applied to anode of the batteries with recommended amounts of 0.5-2 wt% for anode

LB 200 Series Conductive Paste

PROPERTIES	UNITS	VALUES
Carbon Nanotube Loading	wt%	1-5
Average Diameter	nm	11
Average Length	μm	10
Surface Area (BET)	m ² /g	230-280
Bulk Resistivity from Dry Film	ohm-cm	10 ⁻²
Water (H ₂ O)	wt%	93-98
Dispersant	wt%	0.2-1.3

Note: While the information provided is believed to be accurate, CNano makes no warranties and assumes no liability in connection with use of the information.

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