

# NEW TYPE OF CARBON ELECTRODE

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Hydrogen storage capacity of carbon nanotube is investigated for a long time.

We examined this nanotube in order to preparing electrode for battery. We made electrodes from carbon nanotube by plastic bonded processing, and measured their properties paired with nickel electrode in alkalic medium.

We found that this electrode possess with regular plateau at discharge, and suitable for cyclic usage.

Content of hydrogen of battery – measured until 1,0 V discharging potential – is about 0,1-0,3%, which is equivalent for 30-60 mAh/g capacity.