





Influence of Processing Parameters on the Properties of Graphite Anodes for Lithium Ion Batteries

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Replacement of Li metal anodes by selected carbon and graphite materials marked the commercial breakthrough for lithium ion battery technology in the field of consumer electronics (1990). However, to utilize LIB for electromotive and stationary applications further improvements are mandatory.

The correlation between microstructural parameters and electrochemical properties of graphite already has been intensively investigated. Motivation for our work is to understand in more detail the influence of electrode processing parameters on the cell performance.

