

Manganese Dioxide for Li-MnO₂ Batteries



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The manganese dioxide special for Li-MnO₂ battery is modified from EMD with a mixing crystal form of γ and β .

This commodity is produced by our company's special heat treating equipment, which ensure the commodity be heated evenly and has excellent electrochemical performance. In order to achieve different requirements, the commodity can be divided into normal and low sodium specifications, which are named "HEMD" and "TEMMD".

And the content of sodium in TEMMD is much less than that of normal, which is beneficial to the capacity recovery after storage.

Specification

Items	HEMD	TEMMD
MnO ₂ (%)	≥93	≥93
Fe (ppm)	≤100	≤100
Cu (ppm)	≤10	≤10
Pb (ppm)	≤10	≤10
Ni (ppm)	≤10	≤10

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Co (ppm)	≤10	≤10
Na (ppm)		≤300
K (ppm)		≤300
SO ₄ ²⁻ (%)	≤1.4	≤1.4
Moisture (%)	≤0.5	≤0.5
Tap Density (g/cm ³)	≥2.0	≥2.0
pH (distilled water method)	4~7	4~7
Particle Size	90% passed 325 mesh, or can can be adjusted as client's requirements	90% passed 325 mesh, or can can be adjusted as client's requirements

Package

In PP woven bags lined with PE film bag, net wt. 40kg, also can be ordered as customer's requirements.

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