

ICS 77.150.70
CCS H62

YS

**NONFERROUS METALS INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

YS/T 1878-2026

Cobalt-based compound hydroxide for lithium-ion battery

锂离子电池用钴基复合氢氧化物

(English Translation)

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Foreword

YS/T 1878-2026 is a recommended industry standard of the People's Republic of China in the Nonferrous Metals sector, approved and issued by the Ministry of Industry and Information Technology on 15 July 2026, with effect from 1 February 2027.

Classification: ICS 77.150.70; CCS H62.

1 Scope

Cobalt-based compound hydroxide for lithium-ion batteries is the product covered by this document. It specifies the technical requirements, test methods, inspection rules, marking, packaging, transport, storage and accompanying documents, and the contents of the order form. It applies to cobalt-based compound hydroxide for lithium-ion batteries, which is mainly used as a coating material for high-voltage cathode materials and as a precursor of lithium-ion battery cathode materials.

Producers of the hydroxide, cathode material manufacturers who buy it, test laboratories and procurement staff can use it to specify the product, verify deliveries and prepare orders. YS/T 1878-2026 is a voluntary standard (code with /T). It was approved and issued by the Ministry of Industry and Information Technology on 15 July 2026 and takes effect on 1 February 2027. The translated text gives overseas battery material buyers access to the same requirements and order content.