

ICS 77.120.99
CCS H 65



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 48119-2026

Rare earth oxide solid electrolyte powder

稀土氧化物固体电解质粉

(English Translation)

Issued on: August 28, 2026

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**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

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Foreword

GB/T 48119-2026 is a recommended national standard (GB/T) of the People's Republic of China, issued on 28 August 2026 by the State Administration for Market Regulation and the Standardization Administration of China, with effect from 1 March 2027.

It is under the responsibility of the Standardization Administration of China.

Classification: ICS 77.120.99; CCS H 65.

1 Scope

This standard covers rare earth oxide solid electrolyte powder, a ceramic material of interest in fields such as solid oxide cells, sensors and other electrochemical devices. It is a material product standard, intended to give suppliers and buyers a shared basis for describing and checking the powder.

The main users are producers of rare earth materials and advanced ceramic powders, manufacturers of fuel cells, electrolyzers and related components that consume the powder, testing and inspection laboratories, and procurement teams negotiating supply specifications. Importers and exporters of rare earth based materials may also refer to it when drawing up technical terms for trade.

The standard was issued on 28 August 2026 and takes effect on 1 March 2027. It is a recommended national standard (GB/T) and is therefore voluntary unless it is cited in a contract, a purchasing agreement or another binding document. Anyone relying on it should read the full text for the precise scope and the requirements it contains.