

ICS 77.120
CCS H60



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

GB/T 22666-2008

Lithium fluoride

氟化锂

Issued on: December 29, 2008

Implemented on: November 1, 2009

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

1	Scope
2	Normative references
3	Requirements
3.2	Appearance
4	Ca Water LF-1 99.0 0.05 0.10 0.05 0.20 0.10
5	Inspection Rules
5.1	Inspection and acceptance

Foreword

The standard proposed by China Nonferrous Metals Industry Association. This standard Nonferrous Metals by the National Standardization Technical Committee. This standard is drafted by: Fluoride Chemicals Co., Ltd., China Nonferrous Metals Industry Institute of Standards and Metrology and Quality. The main drafters of this standard. Lishi Jiang, Hou Hongjun, Han Shijun, Xue Xu Jin, Shi Xiuhua, Li Yongqiang, Wang Jianping. Lithium fluoride

1 Scope

GB/T 22666-2008 is the Chinese national standard on lithium fluoride, in the field of metallurgy. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 29 December 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 November 2009. Classification: ICS 77.120, CCS H60. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the requirements of lithium fluoride, test methods, inspection rules, packaging, labeling, transportation, storage, purchase order or contract requirements. This standard applies to the hydrogen fluoride or hydrofluoric acid and lithium hydroxide or lithium carbonate role in the system of lithium fluoride. Lithium fluoride is mainly used for electrolysis Aluminum production as the electrolyte component. For reducing the calcination temperature and improve the performance of anti-cold and hot temperatures in the ceramic industry.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard. Representation

GB/T 1250-1989 and method of determining the limit values

GB/T 22660 (all parts), lithium fluoride chemical analysis

3 Requirements

3.1 Chemical composition Chemical composition of lithium fluoride should be in accordance with Table 1. Table

3.2 Appearance

3.2.1 lithium fluoride as a white powder. Lithium fluoride can not be mixed with foreign matter.

3.2.2 Products permitted diameter 4mm ~ 10mm agglomeration, its quality must not exceed 5%. Test Method 4

4.1 lithium fluoride chemical analysis method according to the provisions of GB/T 22660 performed. Lithium fluoride

4.2 Appearance quality by visual inspection method.

4 Ca Water LF-1 99.0 0.05 0.10 0.05 0.20 0.10

0.10 LF-2 98.0 0.08 0.20 0.08 0.40 0.15

0.20 LF-3 97.5 0.10 0.30 0.10 0.50 0.20

0.30

Note 1. Measured value or a calculated value of the limit values specified in the table for comparison conducted in 1250 by the provisions of Article

Note 2. When the demand side, as each index specified in the table have special requirements, may be negotiated separately agreed and specified in the contract.

Note 3. LiF main content of fluorine equivalent calculations.

5.1 Inspection and acceptance

5.1.1 Products shall be for the technical supervision department inspection, quality assurance compliance with this standard, and fill in the quality certificate.

chinastandards.org - PREVIEW