

LiF

Lithium Fluoride Powder

Molecular Formula: LiF

CAS Number :7789-24-4

DESCRIPTION

Lithium Fluoride LiF Powder is a kind of white powder, whose structure is analogous to that of sodium chloride, but it is much less soluble in water. It's the raw material of lithium fluoride crystals and optical instruments. Lithium Fluoride is widely applied in electrolysis, ceramic and optical industries.

APPEARANCE

Amorphous White crystalline powder

PHYSICAL PROPERTIES

Parameters (units)	Specifications
Lithium Fluoride ,Wt %	99.0 Min
Description/Appearance	white powder
Water, Wt %	0.9 Max
Alkalinity (As LiOH)	0.06N-0.08N
Acidity (As HF)	0.06N-0.08N
Cl, Wt%	0.1 Max
SO4,Wt%	0.01 Max
Fe,Wt%	0.003 Max
Heavy metals Wt %	0.01 Max
Molecular Weight	25.94
Melting Point	870°C
Boiling Point	1676°C
Density (g/cm3)	2.6
Solubility	

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

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PACKAGING

25 / 50 Kg Drums

SHELF LIFE AND STORAGE

Technical specifications are provided on request according to the application: lithium fluoride is stored in original packing and under conditions mentioned on the safety data sheet (SDS). Carefully handled during storage and transportation to preserve the quality of our product in its original condition.

LIMITED WARRANTY INFORMATION.

PLEASE READ CAREFULLY.

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For more information or answers to questions about the use in specific applications, contact your Technical Sales Representative or call Toll Free 1.833.LITHUSA (1-833-548-4872).

Visit our website at www.lithiumsalts.com