

Li_2O_3

Lithium Carbonate

Battery Grade

PRODUCT

Chemical Formula: Li_2CO_3

CAS No. 554-13-2

PRODUCT DESCRIPTION

Lithium Carbonate is a white fine odorless powder. It is produced from mineral rich brines or from lithium bearing hard rock.

APPLICATIONS

Lithium Carbonate is primarily used as a precursor to lithium-ion battery production. It also has a wide variety of industrial uses including in high alumina cement systems, in pharmaceuticals and in specialty glass, glazes and frits.

PRODUCT SPECIFICATIONS

Physical Properties	Limits
Li ₂ CO ₃ , %	≥99.5
Na, %	≤0.025
Mg, %	≤0.008
Ca, %	≤0.005
K, %	≤0.001
Fe, %	≤0.001
Zn, %	≤0.0003
Cu, %	≤0.0003
Pb, %	≤0.0003
Si, %	≤0.003
Al, %	≤0.001
Mn, %	≤0.0003
Ni, %	≤0.001
SO ₄ ²⁻ , %	≤0.08
Cl, %	≤0.003
Moisture, %	≤0.25
Particle size, d ₅₀	3µm - 8µm

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

p: (352) 358-5826
e: info@lithiumsalts.com

PACKAGING

Available in 25kg bags and 1000kg super sacks.

TOXICITY/SAFETY DATA HANDLING / STORAGE / DISPOSAL

Information on toxicity, safety, handling, storage and disposal is contained in the Safety Data Sheet (SDS) for this product.

SHELF LIFE AND STORAGE

Product should be stored in a dry place away from direct sunlight and humidity in sealed, original packaging. Product is guaranteed for 2 years from manufacture date.

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