

Li₂CO₃**LITHIUM CARBONATE**

Technical Grade

PRODUCT NAME

Lithium Carbonate Technical Crystals

CAS No. 554-13-2

PRODUCT DESCRIPTION

Lithium Carbonate (Technical Grade) offers a much coarser particle size than the ultrafine or superfine grade, the technical grade is better suited for frits and glazes, as well as for producing other down stream lithium chemistries.

APPLICATIONS

- Glass and ceramics: Lowers the melting point and viscosity of glass and enamel, and decreases thermal expansion
- Batteries: A precursor in making critical battery materials
- Aluminum electrolysis: An additive in aluminum electrolysis melts
- Cements and grouts: An additive in quick-setting cements and grouts
- Welding rods: An additive and flux for welding rods
- Concrete: A concrete accelerator for producing self-levelling floor compounds, ceramic tile adhesives, rapid setting grouts, and repair mortars

PROPERTIES

	Typical (wt%)	Guaranteed (wt%)
Lithium Carbonate (Li ₂ CO ₃)	99.2%	99.0 min
Chloride (Cl)	0.04	0.05 max
Sulphate (SO ₄)	0.05	0.08 max
Calcium (Ca)	0.08	0.12 max
Iron III oxide (Fe ₂ O ₃)	0.0007	0.002 max
Sodium Na	0.08	0.12 max
Potassium (K)	0.01	0.05 max
Water (H ₂ O)	0.15	0.2 max
LOI	0.4	0.7 max
Insolubles	0.01	0.03 max
+850 microns	1.5% max	
+75 microns	40% min	
Tap Density	>0.88 g/cm ³	

ORDERS and
TECHNICAL SUPPORT

Lithium Salts of America
is Division of ASG Chemie

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

PACKAGING

Standard packs available: 20kg sacks on pallets of 800kg.

HAZARDS

Harmful by ingestion, inhalation and contact with eyes and skin. Please request the MSDS for this product.

HANDLING AND STORAGE

Avoid contact with eyes, skin and clothing. Wear safety glasses and rubber gloves. Wash thoroughly after handling. Keep away from strong acids. Keep containers closed.

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