



# GUANGZHOU CHEMICALS

Ceramic Chemicals Dept.

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## Lithium Carbonate

CAS No.	554-13-2
Molecular Formula	LiCO <sub>3</sub>
HS code	2836910000

## Product

ASSAY(LiCO<sub>3</sub>) 99% MIN

## Specification

Na	800 ppm MAX	Pb	20 ppm MAX
Mn	50 ppm MAX	Cu	30 ppm MAX
Ca	200 ppm MAX	Ni	50 ppm MAX
Mg	100 ppm MAX	Cr	50 ppm MAX
K	50 ppm MAX	Fe	50 ppm MAX
Zn	50 ppm MAX	Cl	50 ppm MAX
HCL Insoluble	0.005% MAX	SO <sub>4</sub>	0.2% MAX

## Applications

▲ Lithium carbonate is commonly used in glazes in the ceramic industry to improve their properties.

▲ In ceramic glazes, lithium carbonate can reduce the melting point and improve the brightness and transparency of the glaze.

▲ Lithium carbonate can also improve the chemical stability of the glaze and strengthen the adhesion between the glaze and the porcelain.

▲ Adding an appropriate amount of lithium carbonate to ceramic materials can also promote the sintering process and improve the density and mechanical strength of ceramic products.

## Package

▲ 25/1000kg bags with pallets, 20mt/20'fcl

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