

XEOLITH® Lithium Carbonate

Technical Grade

Product Description: XEOLITH® Lithium Carbonate Technical Grade is an odorless, white free flowing powder that has a wide range of applications.

Applications: XEOLITH® Lithium Carbonate Technical Grade is used as a concrete accelerator for producing self-levelling floor compounds, ceramic tile adhesives, rapid setting grouts and repair mortars. It is used in tile adhesives, battery manufacture, glass production and ceramic glazing. It can be used as an additive to aluminium electrolysis melts.

Chemical Formula: Li_2CO_3

CAS No. : 554-13-2

Specifications:

Parameters (units)	Typical specifications
Lithium carbonate (%)	≥ 99
Sodium (%)	≤ 0.1
Potassium (%)	≤ 0.05
Iron (III) oxide (%)	≤ 0.003
Calcium (%)	≤ 0.04
Sulfate (%)	≤ 0.1
Chloride (%)	≤ 0.02
Magnesium (%)	≤ 0.01
Boron (%)	≤ 0.001
Loss on ignition (%)	≤ 0.7
Insoluble (%)	≤ 0.03
Moisture content (%)	≤ 0.1
Tap density (g/cm ³)	> 0.45 g/cm ³
Sieve analysis using a 0.25 mm sieve (retained %)	Approx. 0
Sieve analysis using a 0.07 mm sieve (retained %)	≤ 12

Packaging: Material is available in 25 kg bags, 500 kg bags and 1 MT bulk with PE liner bags.

Storage: Product should be stored in a cool and dry place away from direct sunlight in sealed, original containers. For further safety information refer to product SDS available from your Bisley and Company contact.

Disclaimer:

This document is for information purposes only. Customers are responsible for testing and confirming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.