

XEOLITH® Lithium Carbonate

Ultrafine 20 µm Grade

Product Description: XEOLITH® Lithium Carbonate Ultrafine 20 µm Grade is an odorless, white free flowing powder. It is a high concentration lithium carbonate with low impurities and a narrow particle size distribution. The smaller particle size results in a higher effective surface area and thus is more reactive. That has a wide range of applications.

Applications: XEOLITH® Lithium Carbonate Ultrafine 20 µm 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 a precursor to making other lithium compounds.

Chemical Formula: Li_2CO_3

CAS No. : 554-13-2

Specifications:

Parameters (units)	Typical specifications
Lithium carbonate (%)	≥ 99.0
Sodium (%)	≤ 0.05
Potassium (%)	≤ 0.025
Iron (%)	≤ 0.004
Calcium (%)	≤ 0.025
Sulfate (%)	≤ 0.2
Chloride (%)	≤ 0.01
Insoluble, in HCl (%)	≤ 0.02
Moisture content (%)	≤ 0.5
Particle size distribution, Malvern D90 (µm)	Approx. 20
Particle size distribution, Malvern D50 (µm)	5.5 – 7.3

Packaging: Material is available in 25 kg bags and 500 kg 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.