



Product Name: Lithium Carbonate.

Product Number: R1063

Chemical Formula: LiCO_3

CAS Number5: 54-13-2

EINECS number: 209-062-5

Typical Properties.

Appearance: White Powder.

Chemical Analysis (weight %)

LiCO_3 : 99.4

Equivalent LiO_2 : 40.3

Fe_2O_3 : 0.0008

Water (30 min.@500°C): 0.05

Sulphate (SO_4): 0.04

Chloride (Cl): 0.01

CaO: 0.017

Na_2O : 0.08

Insoluble in HCl 0.009

Particle Size (wt %)

Residue on 60's mesh sieve (250m): 1

Residue on 85's mesh sieve (180m): 18

Residue on 120's mesh sieve (125m): 33

Residue on 170's mesh sieve (90m): 43

Residue on 240's mesh sieve (75m): 58

Residue on 350's mesh sieve (45m): 74

Bulk Density.

0.6kg/l (loose)

1.0kg/l (tapped)

Use:

The product is used as a source of Lithia in ceramic frits & glazes.