

Potassium Carbonate

Product name: Potassium Carbonate

Molecular Formula K_2CO_3

Molecular Weight 138.19

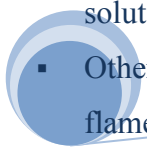
CAS No 584-08-7

EINECS 209-529-3

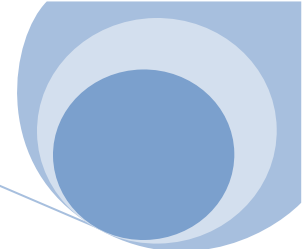
Uses and Applications:

Potassium carbonate has a wide variety of uses outside of the glass industry. Some of the major applications that account for 70 percent of the potassium carbonate produced include potassium silicate, pharmaceuticals, food, detergents and cleaners, photographic chemicals, agricultural, gas purification, rubber additives, polymer catalysts, potassium bicarbonate, cement and textiles.

- Glass - Source of K_2O for alkali barium, lead or strontium silica glasses used in television tube production, illuminating ware, tubing, laboratory glass, optical glass and tableware.
- Ceramics - Used in titanium dioxide frits for appliance industry
- Dyes and pigments
- Chemicals - including fertilizers, drugs, gums, adhesives, rocket fuel, inorganic chemicals and more
- Food - chocolate "alkalizing" processing of cocoa powder, effervescent mineral water, special leavening agents, brewing beer, raisin drying, cattle feed additive, alfalfa drying
- Cleaners - washing, bleaching, boiler compounds, liquid soaps, metal cleaners
- Gas purification - removal of carbon dioxide and other acidic gases by absorption in a solution of potassium carbonate.
- Other - leather tanning, perfume, refrigeration, fire extinguishers, photography, flameproofing, electroplating, rubber additives



CERAMIC AND GLASS CHEMICALS



Chemical Composition :

K₂CO₃	%	99.6
Na₂CO₃	%	0.2
Cl	%	<0.010
SO₄	%	<0.10
Fe₂O₃	%	0.0002
Al₂O₃	%	0.035
INSOLUBLE RESIDUE	%	0.01
LOSE IN IGNITION	%	0.1

Packing : 25kg plastic woven bag or 500/1000/1100kg big bag

