

POTASSIUM CARBONATE

Potassium carbonate is an inorganic compound. Its appearance is in the form of a white solid, which is produced in various sizes and meshes. This chemical compound dissolves in water and forms a powerful alkaline bond. One of the applications of potassium carbonate is its use in soap industry, glass industry, as an adsorbent in the petrochemical industry, food industry, etc.

APPLICATION

- Use as an adsorbent as well as in the chemical industry.
- Soap production, glazes, glass and glassware.
- Use as Carbon dioxide adsorbent in ammonia and urea plants.
- Use in the Dutch process (cocoa powder production).
- Use as fertilizers for agricultural industries.



TECHNICAL DATASHEET

Parameter	Value
Appearance	Solid
Color	White
Odor	Odorless
Purity (K ₂ CO ₃ Content)	%99.0 Min.
Chloride (as Cl ⁻)	Max 100 ppm (%0.01 wt.)
Sulfate	Max 100 ppm (%0.01 wt.)
Fe	Max 5 ppm (%0.0005 wt.)
Ni	Max 1 ppm (%0.0001 wt.)
Loss on drying	Max %0.6 wt.
Insoluble in Water	Max 20 ppm (%0.002 wt.)
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WHO WE ARE

Amolcarborundom Company

Our Company is the first producer of insulation fire brick in Iran that has been established in 1988. Our initial production was about 300m³ of insulation fire brick. However, after considerable progress in 30 years, the quantity, quality, and diversity of productions have dramatically increased.

Our Services:

- Producer of all kinds of insulating & refractory fire bricks
- Supplier of chemical and catalyst for industries of oil, gas, refineries and petrochemical.
- Design, consulting, and implementation of different industrial firing kilns.

