

SODA ASH

Cementing

SODIUM CARBONATE

Soda Ash is the common name for anhydrous Sodium carbonate (Na_2CO_3). Soda Ash can be used as a chemical admixture for Portland Cement. When the dosage is low, Soda Ash can be used as an accelerator of cement hydration but acts as a retarder when the dosage is high.

PHYSICAL PROPERTIES:

Appearance: White granular crystal
Specific Gravity: 2.533 gm/cm³
Bulk Density: 930 kg/m³ (min)

CHEMICAL PROPERTIES:

Type: Chemical compound
Solubility: Soluble 18% @ 21°C
Sodium Carbonate: 99.5% min
Sodium: 58.2% min
Calcium: 150 ppm (max)
Magnesium: 50 ppm (max)
Sodium Sulphate: 400 ppm (max)
Iron: 500 ppm (max)
Moisture: 5 ppm (max)
Water Insolubles: .15% (max) – 500 ppm (max)

MIXING & HANDLING

Avoid inhalation of dust or contact with the eyes.

WHMIS: Not controlled

TDG: Not regulated

Packaging: 25 or 40kg bag

