

## DENSE SODA ASH

Chemical Composition	Unit	Min	Max
Sodium Carbonate( $\text{Na}_2\text{CO}_3$ )	wt%	99.2	99.6
Sodium Chloride( $\text{NaCl}$ )	wt%	0.5	0.7
Sodium Bicarbonate( $\text{NaHCO}_3$ )	wt%	-	0.1
Sodium Sulfate( $\text{Na}_2\text{SO}_4$ )	wt%	-	0.05
Iron( $\text{Fe}$ )	ppm	-	50
Loss on heating	wt%	-	0.2
Moisture	wt%	-	0.2
Ni	ppm	-	30
Cr	ppm	-	10
Mn	ppm	-	10
Cu	ppm	-	30

## Characteristics

Total Alkalinity	wt%	58.12	58.42
Pouring Density	$\text{g/cm}^3$	0.85	1.1

## Particle Size and Distribution

Mesh<40	wt%	-----	40
Mesh 40-140	wt%	-----	59
Mesh>140	wt%	-----	1