



SODIUM BICARBONATE FEED GRADE

Description: White, crystalline powder

<u>Screen Analysis</u>	U.S. Std Sieve No	Cumulative % retained (Typical)	
		Minimum	Maximum
	+100	0	80
	+200	20	100
	+325	50	100

Bulk Density. lbs/cu.ft. poured – Typical range: 60 – 75 lbs/ft³

THERMAL DECOMPOSITION: Decomposes (without melting) into Na₂CO₃, H₂O, and CO₂

ALKALI EQUIVALENT: 1 lb. NaHCO₃ = 0.369 lb. Na₂O

CARBON DIOXIDE EQUIVALENT: 1 lb. NaHCO₃ = 0.524 lb. CO₂

SPECIFIC GRAVITY: 2.16 g / cm³

SPECIFIC HEAT @ 25 0C: 20.94 cal / deg mol

SOLUBILITY IN WATER @ 60 0C: 16.4 g / 100 g H₂O

SOLUBILITY IN OTHER SOLVENTS: Insoluble in alcohol

HEAT OF FORMATION: - 227.25 K cal / mol

HEAT OF SOLUTION: 3.81 K cal / mol

SODIUM (Na) : 27.1 % Minimum

TASTE: Slightly alkaline

PACKAGING:

Multi-wall Paper Bags: 50 lbs.

Super sacks: 2000 lbs. and 2450 lbs.

Bulk Load