

SODA ASH- LIGHT SPECIFICATIONS

Chemical Name : Sodium Carbonate / Soda Ash.

Formula : Na_2CO_3

Molecular Weight : 106

PHYSICAL PROPERTIES	UNITS	VALUES
Appearance	White powder	
Density	kg/dm ³	2,533
Melting Point	°C	851
Solubility in water at 20°C	g/1000g	214
pH (1% in water)		11.26
CHEMICAL PROPERTIES		
Na_2CO_3 (Na ₂ O) *	%	≥ 98 % (57,3 %)
NaCl	%	≤ 0.5
Fe ₂ O ₃	ppm	≤ 30
Substances Insoluble in water	%	0.04 max
CaO	ppm	≤ 150
MgO	ppm	≤ 150
Na ₂ SO ₄	%	≤ 0,04 %
Loss on drying	%	≤ 1.5
Free flowing density	kg/dm ³ kg/dm ³	≥ 0,48 kg/dm ³ ≤ 0,67 kg/dm ³
GRANULOMETRY		
> 1 mm	%	5
> 0.25 mm	%	15
< 0.125 mm	%	≤ 90
< 0.063 mm	%	≤ 60