

Caustic Soda

Item	Measured
Sodium Hydroxide NaOH (wet)	98% wt. Min
Sodium Hydroxide NaOH (dry)	wt. Min 99.5%
NaCl	wt. Max 0.01%
Na ₂ CO ₃	0.4% wt. Max
Na ₂ SO ₄	0.01% wt. Max
Fe	1 ppm wt. Max
Ni pick up	3 ppm wt. Max
SiO ₂	≤ 0.02 %
NaClO ₃	< 5 ppm wt
Hg	Null
Heavy	Less than 10 ppm
Thickness	0.8 mm <rang< 1 mm

Caustic Soda

Sodium hydroxide, also known as caustic soda or lye, is a strong alkali with the chemical formula NaOH. It is an an ionic compound consisting of a sodium (Na^o) cation and hydroxide (OH^o) anion. Caustic Soda Flake is a solid, white, odorless material that is available in flake or granular form. It is highly hygroscopic and should be stored and transported in laminated bags or jumbo bags to avoid moisture absorption.

Applications

- Production and recycling of cardboard and paper .
- Metal , aluminum , glass , zinc , galvanizing and electroplating industries .
- Textile industries and leather production .
- Detergents such as bleaches .
- Food industries such as : in the production of milk (dairies), sugar, oil, soft drinks, canning and olives...
- Oil and gas industries , drilling
- Petrochemical such as polymer and pet

Caustic Soda

Caustic Soda Features

- High melting point: 318 °C (591 K)
- Highly soluble in water, moderate solubility in alcohols
- Stable compound
- Exothermic dissolution in water
- Forms a highly basic, slippery solution when dissolved
- The process of caustic soda dissolved in water is an exothermic process
- When it is dissolved in water , the obtained solution has a high PH and is very slippery . Generally , when the water-soluble Caustic soda dissolves , it causes further corrosion .

Packaging

Caustic soda flakes are commonly packed in 25 kg bags or 1250 kg jumbo bags. Palletizing is available upon request to facilitate handling and transportation.