

i GENERAL DESCRIPTION

Caustic soda block is obtained from electrolytic sodium hydroxide - technical grade. It is a solid, white, hygroscopic, odorless substance. It dissolves easily in the water with heat release. The product is soluble in methyl alcohol and ethyl alcohol. Sodium hydroxide is a strong electrolyte (it is completely ionized both in crystalline state and in solution). It is not volatile but rises easily in the air as aerosols. It is insoluble in ethyl ether.

Q TECHNICAL QUALITY CONDITIONS

No.	Characteristics	M.U.	Values
1	Sodium hydroxide (NaOH), min.	%	98
2	Sodium carbonate (Na ₂ CO ₃), max.	%	0.5
3	Sodium chloride (NaCl), max	%	0.15
4	Iron oxides (Fe ₂ O ₃), max.	%	0.01

flask APPLICATIONS

- oil industry, in the refining of the oil products;
- chemical industry, in the manufacturing of dyes;
- aluminum metallurgy;
- in rubber reclaiming;
- in the drying and decarbonization of gases;
- pulp industry in the chemical treatment of wood;
- soap industry;
- production of textile cellulose fibers by viscose process.

list GENERAL CHARACTERISTICS

Specific Properties	Values
pH	strongly alkaline
Boiling point	1390°C
Ignition temperature	not ignitable
Relative density (water=1)	2.13 at 25°C
Melting point	318°C

The specific properties present approximate values and contain general information, without being part of the technical quality conditions.

box PACKING

Caustic Soda block is delivered in corrugated sheet barrels, 0.5 mm thick, unpainted, maximum capacity of 400 kg net (maximum allowable tolerance ± 4 kg). For export via terra, when appropriate, CHIMCOMPLEX BORZESTI-Ramnicu Valcea Branch will provide painting and marking of the barrels.

house STORAGE

Caustic soda storage is provided in dry warehouses.

truck TRANSPORT

Caustic soda block can be shipped according to transport regulations for dangerous goods, hazard class 8, Corrosive substance.

! Methods for measuring the technical characteristics are available on request

All informations contained in this product data sheet is provided for your consideration, research and verification. For a better suitability of the product to your purpose, we recommend you carry out tests before using the product. We advise you to have your own decisions regarding safety, proper handling, storage, use and disposal. We expressly disclaim any liability for any loss, damage or expense resulting from reliance on the information provided herein. For more information, please refer to our safety data sheet.