

i GENERAL DESCRIPTION

Caustic soda flakes 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	Appearance	-	flakes
2	Sodium hydroxide (NaOH), min.	%	98
3	Sodium carbonate (Na ₂ CO ₃), max.	%	0.7
4	Sodium chloride (NaCl), max.	%	0.15
5	Iron oxides (Fe ₂ O ₃), max.	%	0.004

🧪 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.

📄 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.

📦 PACKING

Caustic Soda flakes is packed in palletized polyethylene bags of 25 kg (permissible variation ±0.2kg) and in 1 ton (permissible variation ±5 kg) bags made of polypropylene lined with polyethylene.

🏠 STORAGE

Caustic soda flakes storage is provided in dry warehouses.

🚚 TRANSPORT

Caustic soda flakes 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.