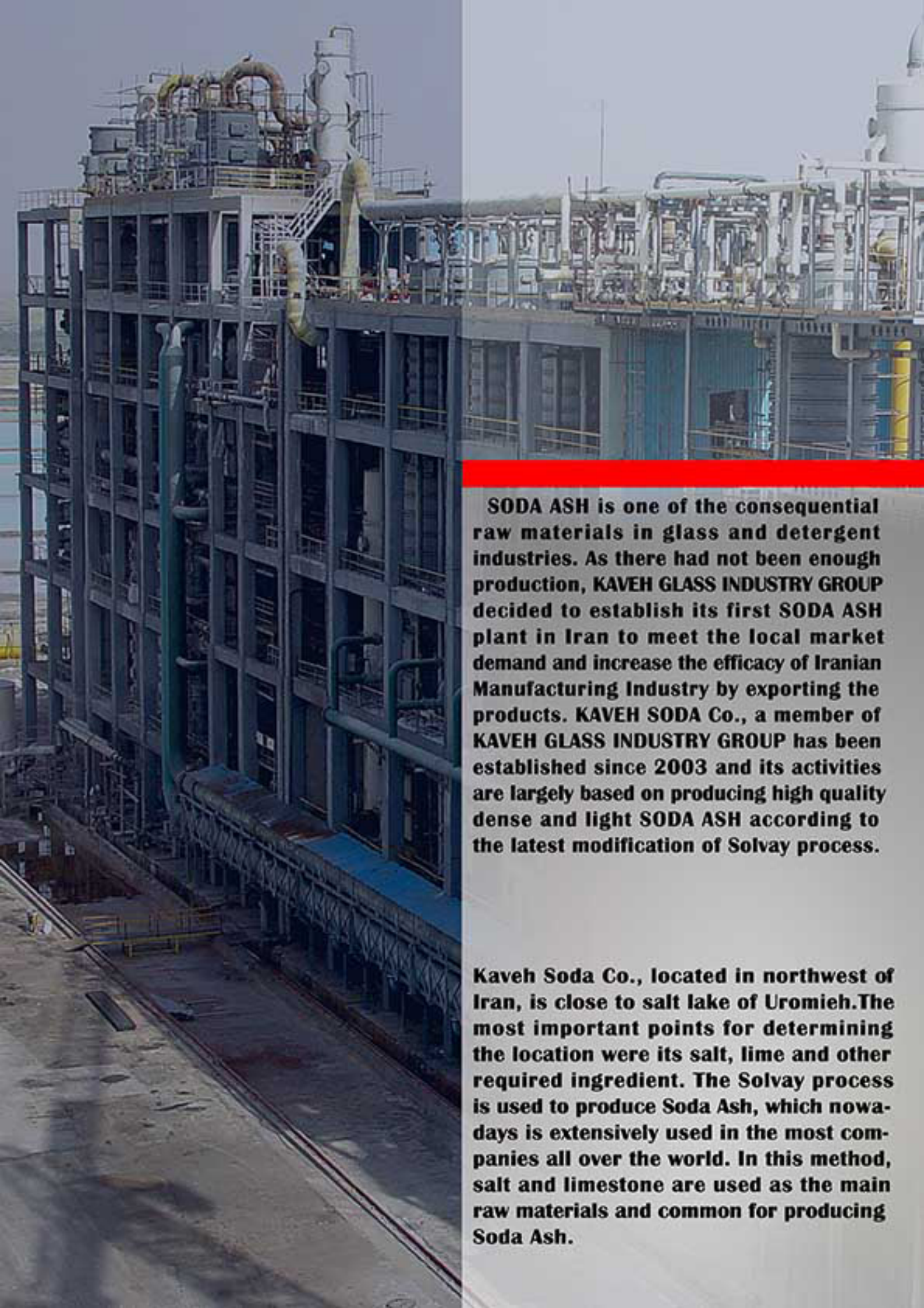




KAVEH GLASS INDUSTRY GROUP

www.kavehglass.com



SODA ASH is one of the consequential raw materials in glass and detergent industries. As there had not been enough production, KAVEH GLASS INDUSTRY GROUP decided to establish its first SODA ASH plant in Iran to meet the local market demand and increase the efficacy of Iranian Manufacturing Industry by exporting the products. KAVEH SODA Co., a member of KAVEH GLASS INDUSTRY GROUP has been established since 2003 and its activities are largely based on producing high quality dense and light SODA ASH according to the latest modification of Solvay process.

Kaveh Soda Co., located in northwest of Iran, is close to salt lake of Uromieh. The most important points for determining the location were its salt, lime and other required ingredient. The Solvay process is used to produce Soda Ash, which nowadays is extensively used in the most companies all over the world. In this method, salt and limestone are used as the main raw materials and common for producing Soda Ash.



After launching Kaveh Soda's development plan in 2007 which led to increase production capacity of the plant, Kaveh Glass Industry Group decided to set up its second plant, which is being constructed in Firooz Abad (Fars Province) in southwestern part of Iran. Designing and engineering of the plant are done by Petro Kaveh Engineering Company and the plant has been designed to produce Dense and Light Soda Ash with high quality according to International Standards then, the project is scheduled to be started in near future.



■ Resources & mines:

The plant has been located to the nearest distance of mines and resources, limestone deposit of mines & salt from Uromieh salt lake. Sodium carbonate or SODA ASH is made up of common salt, ammonia and lime.



■ The most modern technology and equipment such as:

- High efficiency screw compressors.**
- Modern vacuum drum filter.**
- Light Ash steam calcination.**
- Dense Ash hydration and dehydration.**
- Fluidized bed dryer and cooler.**
- DCS control system.**

Guarantees the high quality of products.



Kaveh Glass Industry Group

KAVEH SODA Co:

Kaveh Soda Co., a member of Kaveh Glass Industry Group was established in 2003 with the capacity of 200000MT/ Year. KSC activities are based on producing high quality dense & light Soda Ash, according to the latest modification of Solvay process.

In the year 2007, The total production capacity has been increased more than 300,000 MT per year. In addition, new phase of production line of Firozabad will produce to 1,000,000 MT per year, as well.



■ Packing:

All types of KAVEH SODA products are supplied to the market in small and jumbo PP bags, with following description:

Light Soda Ash: 50kg. 1250kg
Dense Soda Ash : 50kg. 1000 kg





■ Dense Soda Ash applications:

- Flat glass
- Container glass
- Ceramics
- Metallurgy- none ferrous metals
- Metallurgy- steel making
- Glassware



■ Dense and light Soda Ash Chemical Specification:

NO	Characteristics	Range
1	Alkalinity (as Na, Co,) %	≥99
2	Chloride in term of NaCl%	≤0.4
3	Iron content %	≤0.004
4	Insolubility in water%	≤0.1

■ Dense and light Soda Ash Physical Specification:

NO	Characteristics	Range
1	Bulk Density (Dense), g/cm ³	0.85-1.1
2	Bulk Density (Light), g/cm ³	0.45-0.65
Dense Granular		
3	Mesh NO.	%
	≤20	Max 10
	(20~30]	Max 25
	(30~100]	Min 60
	(100~140]	Max 7
	>140	Max 3



**Progressing in line with
E – Commerce, KGC
paves the way for
a better and much easier
communication.
Therefore, you can send
your comments or fill
the customers'
satisfaction level form
from comment section
in our website.**

■ Light Soda Ash applications:

- Chemicals
- Detergent, Washing compound
- Pulp and paper
- Water treatment plant
- Environment



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