

# Sodium Silicate

## 340-3840

NA340-3840 is an aqueous solution of sodium silicate with a SiO<sub>2</sub>/Na<sub>2</sub>O molar ratio of 3.4.

### Product specification

The following specification parameters will be stated in our Certificate of Analysis.

PARAMETER	VALUE	UNIT	METHOD
Na <sub>2</sub> O	8.0 - 9.0	%	Derived from ISO 1692
SiO <sub>2</sub>	27.0 - 29.0	%	Derived from ISO 2124
Dry Matter	35.5 - 37.5	%	Na <sub>2</sub> O + SiO <sub>2</sub>
Molar Ratio	3.30 - 3.50	/	ISO 1689
Weight Ratio	3.20 - 3.40	/	ISO 1689
Density	38 - 40	°Bé	ISO 1687
Density	1.37 ± 0.015	g/cm <sup>3</sup>	ISO 1687

The density value can be mentioned in °Bé and/or g/cm<sup>3</sup>

### Typical values

The following typical values are given for informational purposes only and are not to be interpreted as product specifications.

PARAMETER	VALUE	UNIT	METHOD
pH (1%)	± 11	/	
Insolubles	< 0.05	%	ISO 2122
Fe	< 100	ppm	Derived from ISO 6332
Form	Transparent Liquid	/	

### Shelf life and storage

We guarantee a shelf life of 2 years if the product is stored tightly closed in its original packaging and recommend to protect the product from freezing and temperatures above 60°C.

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