

Sodium Silicate

165-5052

NA165-5052 is an aqueous solution of sodium silicate with a SiO₂/Na₂O molar ratio of 1.65.

Product specification

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

PARAMETER	VALUE	UNIT	METHOD
Na ₂ O	16.8 - 17.8	%	Derived from ISO 1692
SiO ₂	26.7 - 28.7	%	Derived from ISO 2124
Dry Matter	44.0 – 45.50	%	Na ₂ O + SiO ₂
Molar Ratio	1.55 - 1.75	/	ISO 1689
Weight Ratio	1.50 - 1.70	/	ISO 1689
Density		°Bé	ISO 1687
Density	1.530 -1.563	g/cm ³	ISO 1687

The density value can be mentioned in °Bé and/or g/cm³

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%)	± 12	/	
Insolubles	< 0.05	%	ISO 2122
Fe	< 50	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.

The information contained herein is based on our testing and experience and is offered for the user's consideration, investigation and verification. Since operating and use conditions vary and since we do not control such conditions, we must DISCLAIM ANY WARRANTY, EXPRESSED OR IMPLIED, with regard to results to be obtained from the use of this product.