

Lithium Silicate

SILL440

SILL440 is an aqueous solution of lithium silicate with a SiO₂/Li₂O molar ratio of 4,40.

Product specification

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

PARAMETER	VALUE	UNIT	METHODE
Li ₂ O	2,53 – 2,57	%	Derived from ISO 1692
SiO ₂	22,50 – 22,70	%	Derived from ISO 2124
Dry Matter	25,00 – 25,30	%	Li ₂ O + SiO ₂
Molar Ratio	4,30 – 4,50	/	ISO 1689
Weight Ratio	8,75 – 9,00	/	ISO 1689

Typical values

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

PARAMETER	TYPICAL VALUE	UNIT	METHODE
Density @ 20°C	1,20	g/cm ³	DMA35 (Anton Paar)
Viscosity @ 20°C	~30	cP	Rotational rheometer
pH (1%)	~10,4	/	
Form	Slightly opaque liquid	/	

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.