

Lithium Silicate

SILL420

SILL420 is an aqueous solution of lithium silicate with a SiO₂/Li₂O molar ratio of 4,20.

Product specification

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

PARAMETER	VALUE	UNIT	METHODE
Li ₂ O	2,40 – 2,60	%	Derived from ISO 1692
SiO ₂	19,00 – 23,00	%	Derived from ISO 2124
Dry Matter	21,40 – 25,60	%	Li ₂ O + SiO ₂
Molar Ratio	3,90 – 4,50	/	ISO 1689
Weight Ratio	7,84 – 9,05	/	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	~23	cP	Rotational rheometer
pH (1%)	~10,4	/	
Form	Slightly opaque liquid	/	

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