

# Lithium Silicate

## SILL480

SILL480 is an aqueous solution of lithium silicate with a SiO<sub>2</sub>/Li<sub>2</sub>O molar ratio of 4,80.

### Product specification

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

PARAMETER	VALUE	UNIT	METHODE
Li <sub>2</sub> O	2,0 – 2,2	%	Derived from ISO 1692
SiO <sub>2</sub>	19,0 – 21,0	%	Derived from ISO 2124
Dry Matter	21,0 – 23,2	%	Li <sub>2</sub> O + SiO <sub>2</sub>
Molar Ratio	4,6 – 5,0	/	ISO 1689
Weight Ratio	9,2 – 10,0	/	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	1,18	g/cm <sup>3</sup>	DMA35 (Anton Paar)
Viscosity @ 20°C	~17	cP	Rotational rheometer
pH (1%)	~10,3	/	
Form	Slightly opaque liquid	/	

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