

Lithium Silicate

SILL580

SILL580 is an aqueous solution of lithium silicate with a SiO₂/Li₂O molar ratio of 5,80.

Product specification

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

PARAMETER	VALUE	UNIT	METHODE
Li ₂ O	1,53 – 1,57	%	Derived from ISO 1692
SiO ₂	17,90 – 18,10	%	Derived from ISO 2124
Dry Matter	19,40 – 19,70	%	Li ₂ O + SiO ₂
Molar Ratio	5,70 – 5,90	/	ISO 1689
Weight Ratio	11,40 – 11,80	/	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	1,14 – 1,16	g/cm ³	DMA35 (Anton Paar)
Viscosity @ 20°C	10 – 15	cP	Rotational rheometer
pH (1%)	~10,2	/	
Form	Slightly opaque liquid	/	

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