

Lithium Silicate

SILL750

SILL750 is an aqueous solution of lithium silicate with a SiO₂/Li₂O molar ratio of 7,50.

Product specification

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

PARAMETER	VALUE	UNIT	METHODE
Li ₂ O	1,27 – 1,47	%	Derived from ISO 1692
SiO ₂	19,5 – 21,5	%	Derived from ISO 2124
Dry Matter	20,7 – 23,0	%	Li ₂ O + SiO ₂
Molar Ratio	7,2 – 7,8	/	ISO 1689
Weight Ratio	14,4 – 15,6	/	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	~ 1,16	g/cm ³	
Viscosity @ 20°C	~ 11	cP	Rotational rheometer
pH (1%)	~ 10,2	/	
Form	Opaque liquid	/	

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