

Lithium Silicate

SILL350

SILL350 is an aqueous solution of lithium silicate with a SiO₂/Li₂O molar ratio of 3,50.

Product specification

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

PARAMETER	VALUE	UNIT	METHODE
Li ₂ O	2,6 – 3,3	%	Derived from ISO 1692
SiO ₂	20,0 – 21,0	%	Derived from ISO 2124
Dry Matter	22,6 – 24,3	%	Li ₂ O + SiO ₂
Molar Ratio	3,20 – 3,80	/	ISO 1689
Weight Ratio	6,40 – 7,60	/	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	~16	cP	Rotational rheometer
pH (1%)	~10,5	/	
Form	Slightly opaque liquid	/	

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