

SPECTRUM N-45 Bags

STJERNØY, NORWAY

CHEMICAL COMPOSITION

Method: XRF. Analytical Instrument: Advant X

Component	Average [%wt]	Minimum [%wt]	Maximum [%wt]
SiO ₂	55.4	54.0	57.0
Al ₂ O ₃	24.6	23.7	25.1
Na ₂ O	8.1	7.6	8.8
K ₂ O	8.8	8.4	9.4
CaO	1.1	0.8	1.4
MgO	0.04	0.0	0.1
TiO ₂	0.07	0.03	0.11
Fe ₂ O ₃	0.10	0.09	0.11

Loss on ignition

	Average [%wt]	Minimum [%wt]	Maximum [%wt]
LOI	0.9	0.6	1.3

PARTICLE SIZE DISTRIBUTION

Method: Laser Diffraction. Analytical Instrument: Malvern Mastersizer 2000

	Size [µm]	Average [%]	Minimum [%]	Maximum [%]
	<3	6.9	4.0	8.5
Percent Finer	<10	38.0	30.0	46.0
	<30	86.7	80.0	93.0

Method: Air Jet Sieving. Analytical Instrument: Alpine 200 LS

	Size [µm]	Average [%]	Minimum [%]	Maximum [%]
Retained on sieve	45	0.09	0.00	2.00
	75	0.00	0.00	0.05


SIBELCO
 NORDIC

 Tel: +47 67 15 22 00
 Fax +47 67 15 22 01
 Email: csc.nordic@sibelco.com

SPECTRUM N-45 Stjernøy 0610