

Alumina SFO-K 1000, Data sheet

Calcined grade, lumpy,

provisional

2011 Nov Mr

Chemical Analysis (% of annealed substance)

fluctuation range and typical values

		min	max	typical (average)
Al ₂ O ₃	%	85	87	86
CaO	%	1,3	1,9	1,6
Fe ₂ O ₃	%	0,7	1,3	1
Na ₂ O	%	0,3	0,7	0,5
K ₂ O	%	0,3	0,5	0,4
MgO	%	2,5	5	3,7
SiO ₂	%	3	5	4
TiO ₂	%	1	1,8	1,4
Cr	ppm	120	220	170
Cu	ppm	300	750	525
Hg	ppm	< 0,1	0,5	< 0,1
Mn	ppm	800	1800	1300
Pb	ppm	60	100	80
Tl	ppm	< 0,2	< 0,2	< 0,2
V	ppm	60	80	70
Zn	ppm	400	770	580
F	%	0,02	0,18	0,1
Cl	%	0,02	0,35	0,15
S	%	0,03	0,1	< 0,1
N	%	0,1	0,3	0,2
PO ₄ 3-	%	0,13	0,25	0,19
TC	%	0	0,1	< 0,1
Loss of ignition	1050 °C	-1,6	1	< 0,5
moisture	%	0	0,1	< 0,1
bulk weight	t/m ³	0,6	0,7	0,65
grain size	mm	1	35	3-25

Please take notice that all data and information of this data sheet are only provisional ones.

They are dependant on production conditions and can be adopted according to the customers demand.

Furthermore they only aim at a general description of the product features and do not grant any warranty of properties.

At any case the utilizability of the material described above remains to be checked carefully by each and every user.

R. Gerhard Merker - Mineral Processing Engineer
 (Mineral raw materials, Sourcing, Recycling, Consulting, Project Management)
 Brunsiepen 11
 58239 Schwerte / Germany
 Tel: +49 2304 331 750
 Cell: +49 173 5355 828
 E-mail: info@merker-mineral-processing.de
 web-site: www.merker-mineral-processing.de