

# Alumina 95-2 ALS, Data sheet

dross fines

2011, Nov 14  
provisional draft

## chemical analyses (pct by dry solids mass)

fluctuation range and typical values

%	min	max	typical (average)
Al <sub>2</sub> O <sub>3</sub>	41	45	43
Aluminium nitride	20	22	21
Aluminium metal	15	17	16
CaO	0,5	1	0,75
Fe <sub>2</sub> O <sub>3</sub>	0,1	0,3	0,2
Na <sub>2</sub> O	1	2	1,5
K <sub>2</sub> O	0,8	1,2	1
MgO	3	5	4
MnO	0,05	0,1	0,07
SiO <sub>2</sub>	7	9	8
TiO <sub>2</sub>	0,1	0,3	0,2
Cr 3+	0,002	0,004	0,003
Cu	0,006	0,01	0,008
Pb			< 0,0001
Zn	0,002	0,004	0,003
F- total	3	4	3,5
Cl-total	0,2	0,4	0,3
S total	0,01	0,03	0,02
PO <sub>4</sub> 3-	0,1	0,2	0,15
LOI 550 °C	-4	-6	-5
LOI 1050 °C	-16	-18	-17
moisture %	0	0,1	< 0,1
bulk density t/m <sup>3</sup>			
grain size mm	0,01	1,8	< 2

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.

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