

# Alumina CI-HVL, Data sheet

gross fines

12.10.2011 Mr

## chemical analyses (pct by dry mass)

typical values

%		min	max	(average)
Al <sub>2</sub> O <sub>3</sub>		54	70	62
AlN	calculated	5	13	9
Aluminium Metal		7	15	11
CaO		1	3	2
Fe <sub>2</sub> O <sub>3</sub>		0,2	0,4	0,3
Na <sub>2</sub> O		0,5	2,5	1,5
K <sub>2</sub> O		0,5	2,5	1,5
MgO		2	6	4
SiO <sub>2</sub>		2	8	5
TiO <sub>2</sub>		0,1	0,5	0,3
MnO		0,05	0,15	0,1
Cr 3+ (= total)		0,01	0,03	0,02
Cu		0,003	0,02	0,01
Pb		0,0003	0,002	0,001
Zn		0,004	0,01	0,007
F-		1	3	2
Cl-total		0,2	0,8	0,5
S total		0,02	0,08	0,05
PO <sub>4</sub> 3-				
TOC		0,2	0,6	0,4
moisture %		0,1	0,3	0,2
bulk density t/m <sup>3</sup>				
grain size mm				< 1 mm

**Please notice that all aforementioned data characterize the whole bunch of available sorts as a fluctuation range. Single sorts show a lower fluctuation range and can be separately offered on special request.**

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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