

# Alumina SFO, Data sheet

## secondary Alumina

2011 Nov Mr

### Chemical analyses (% by dry weight, DS)

%		min	max	typical (average)
Al <sub>2</sub> O <sub>3</sub>		70	75	72,5
CaO		1	2	1,5
Fe <sub>2</sub> O <sub>3</sub>		0,6	1	0,8
Na <sub>2</sub> O		0,35	0,6	0,5
K <sub>2</sub> O		0,35	0,65	0,5
MgO	as Magnesia spinel	2	4	3
SiO <sub>2</sub>		3	5	4
TiO <sub>2</sub>		0,7	1,1	0,9
Cr 3+	= total Cr	0,01	0,02	0,015
Cu		0,025	0,055	0,04
Pb		0,003	0,011	0,007
Zn		0,025	0,05	0,04
F-		0,2	0,6	0,4
Cl-total		0,3	0,5	0,4
S total		0,1	0,9	0,5
N total		0,1	0,5	0,3
PO <sub>4</sub> 3-		0,1	0,3	0,2
TOC	contains graphite	0,1	0,5	0,3
ignition loss 800 °C	crystal water	12	16	14
<b>other information</b>				
moisture	%	20	26	23
bulk density	t/m <sup>3</sup>	0,9	1,2	1,1
grain size	mm	< 5	< 100	customized

**Mineralogical main ingredients:** Alumina, Aluminium hydroxide,

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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