

# Alumina SOD-T, Data sheet

secondary Alumina, silo ware

2011 Nov Mr

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

%		min	max	typical (average)
Al <sub>2</sub> O <sub>3</sub>		65	70	68
CaO		2	3	2,5
Fe <sub>2</sub> O <sub>3</sub>		0,7	1,2	1
Na <sub>2</sub> O		0,2	0,8	0,5
K <sub>2</sub> O		0,2	0,6	0,4
MgO	as Magnesia spinel	3	6	4,5
SiO <sub>2</sub>		6	9	7,5
TiO <sub>2</sub>		0,4	0,8	0,6
Cr 3+	= total Cr	0,02	0,045	0,03
Cu		0,1	0,3	0,2
Pb		0,01	0,03	0,02
Zn		0,05	0,16	0,1
F-		0,2	0,4	0,3
Cl-total		0,3	0,6	0,5
S total		0,1	0,85	0,4
N total		0,1	0,25	0,17
PO <sub>4</sub> 3-		0,1	0,25	0,17
TOC	contains graphite	0,1	0,5	0,3
ignition loss 800 °C	crystal water	13	17	15
<b>other information</b>				
moisture	%	3	5	4
bulk density	t/m <sup>3</sup>	0,7	0,9	0,8
grain size	mm	< 1	8	< 5

**Mineralogical main ingredients:** Alumina, Aluminium hydroxide, Mg-aluminate

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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