

# Scholz- Alumina SON, Data sheet

## Produktion ScholzAlu Stockach

### chemical analyses (% by dry weight)

fluctuation range and typical values

		min	max	typical (average)
%				
Al <sub>2</sub> O <sub>3</sub>		63	67	65
CaO		2	3	2,5
Fe <sub>2</sub> O <sub>3</sub>		1	1,8	1,4
Na <sub>2</sub> O		0,3	0,7	0,5
K <sub>2</sub> O		0,3	0,7	0,5
MgO		6	9	7,5
SiO <sub>2</sub>		7	11	9
TiO <sub>2</sub>		0,4	0,8	0,6
Cr 3+	= Cr total	0,02	0,045	0,03
Cu		0,2	0,43	0,32
Pb		0,01	0,03	0,02
Zn		0,08	0,16	0,12
F- total		0,2	0,5	0,35
Cl-total		0,25	0,5	0,4
S total		0,2	0,8	0,5
N total		0,1	0,5	0,3
PO <sub>4</sub> 3-		0,15	0,35	0,25
TOC		0,1	0,5	0,3
Loss of Ignition, 800 °C	crystal water	12	15	13,5
moisture	%	20	26	23
bulk density	mt/m <sup>3</sup>	0,9	1,2	1,1
grain size	mm	< 5	< 150	customized

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.