

Scholz-Alumina SOD, Data sheet

Produktion ScholzAlu Stockach

Chemical analyses (% by dry weight)

%		min	max	typical (average)
Al ₂ O ₃		65	70	68
CaO		2	3	2,5
Fe ₂ O ₃		0,7	1,2	1
Na ₂ O		0,2	0,8	0,5
K ₂ O		0,2	0,6	0,4
MgO	as Magnesia spinel	3	6	4,5
SiO ₂		6	9	7,5
TiO ₂		0,4	0,8	0,6
Cr 3+	= Cr total	0,02	0,045	0,035
Cu		0,1	0,3	0,15
Pb		0,01	0,027	0,02
Zn		0,05	0,16	0,1
F-		0,2	0,4	0,3
Cl-total		0,2	0,4	0,3
S total		0,1	0,85	0,4
N total		0,1	0,25	0,17
PO ₄ 3-		0,1	0,25	0,17
TOC	contains graphite	0,1	0,5	0,3
ignition loss 800 °C	crystal water	12	17	15

		siloware	bulk ware	
moisture	%	3 ...5	25...30	customized
bulk density	t/m ³	0,7..0,9	1,1..1,3	
grain size	mm	< 5	< 5	< 5

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.