

## ALFA TAB<sup>®</sup>

## TABULAR ALUMINA

Chemical Composition (%)	ALFA TAB <sup>®</sup> 06 (Typical)	ALFA TAB <sup>®</sup> 30 (Typical)
Al <sub>2</sub> O <sub>3</sub>	99.5	99.5
Fe <sub>2</sub> O <sub>3</sub>	0.08	0.08
SiO <sub>2</sub>	0.04	0.04
Na <sub>2</sub> O <sub>(TOTAL)</sub>	0.04	0.30
CaO	0.02	0.02
Fe Magnetic <sup>1</sup>	≤0.025	≤0.025

<sup>1</sup> Also possible Fe Magnetic ≤ 0.007 – (LI)

Physical Characteristics		Typical	Min.	Max.
Bulk specific gravity	(g/cm <sup>3</sup> )	3.55	3.5	
Apparent porosity	(%)	4		5
Water absorption	(%)	1.5		2.0

Standard grain sizes <sup>2</sup>			
(mm)	(mesh)	(mm)	(mesh)
0 - 6	-1/4	CD Balls	/
0 - 3	-6	6 - 12	1/2 - 1/4
0 - 2	-8	3 - 6	3 - 6
0 - 1	-14	2 - 6	1/4 - 8
0 - 0.5/0.6	-28	2 - 3	6 - 8
0 - 0.3	-48	1 - 3	6 - 14
0 - 0.2	-100	1 - 2	8 - 14
0 - 0.045	-325	0.5/0.6 - 1	14 - 28
0 - 0.020	-635	0.3 - 0.6	28 - 48

<sup>2</sup> Other grain sizes are also possible.

