



GNP Graystar

Specialty Materials

AN ISO 9001 CERTIFIED COMPANY



TECHNICAL DATA SHEET

Tabular Alumina

Typical Chemistry

	ALFA TAB 06	ALFA TAB 30
Alumina (Al ₂ O ₃)	99.50 %	99.50 %
Iron Oxide (Fe ₂ O ₂)	0.08 %	0.08 %
Silicon Dioxide (SiO ₂)	0.04 %	0.04 %
Sodium Dioxide (Na ₂ O)	0.04 %	0.30 %
Calcium Oxide (CaO)	0.02 %	0.02 %
Magnetic Iron (Fe)	≤ 0.025%	≤ 0.025%

also available as ≤ 0.007% (LI)

Physical Characteristics

Bulk Specific Gravity:	3.55 g/cm ³ 3.50 g/cm ³ min.
Apparent Porosity:	4% Typical; 5% max.
Water Absorption:	1.5% Typical; 2% max.

Available Sizes

1/2 x 1/4	- 1/4
1/4 x 8	- 6
3 x 6	- 8
6 x 8	-14
6 x 14	- 28
8 x 14	- 48
14 x 28	-100
28 x 48	- 325

Other sizes available upon request.

Description:

GNP Graystar's Tabular Alumina is the material of choice in high performance refractories. It can be used in many types of industries like ceramic, steel, glass, cement, foundry, petrochemical, and waste incineration.

Tabular Alumina is essentially a pure alumina exhibiting high density, low porosity, high mechanical strength, extreme hardness, inertness to chemical attack, and resistance to wear.

Applications:

GNP Graystar's Tabular Alumina is a raw material used in the manufacture of high alumina refractories, kiln furniture, electrical insulators, catalyst support media, investment casting, and more.

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