



ALMATIS

PREMIUM ALUMINA



Global Product Data

CT 3000 LS SG

Product Description

Almatris Alumina CT3000 LS SG is a special purpose low soda high reactive alumina. It combines high fired density with very low impurities.

Product Features

High fired density > 3,90 g/cm³ at 1540 °C 1 hour soak time and > 3,94 g/cm³ at 1600 °C 1 hour soak time. Very low impurities.

Applications

High end ceramic pieces where high sintered density and low impurities are required.

Chemical Analysis		typical
Al ₂ O ₃	[%]	99.8
Na ₂ O	[%]	0.03
Fe ₂ O ₃	[%]	0.015
SiO ₂	[%]	0.015
MgO	[%]	0.040
CaO	[%]	0.015

Properties		typical
Specific Surface area / BET		7.80 m ² /g
Particle Size / D50 Cilas		0.5 µm
Particle Size / D90 Cilas		2.0 µm
Green density (90 MPa)		2.24 g/cm ³
Fired density (1540 °C / 1600 °C)		3.91 g/cm ³ / 3.95 g/cm ³
Shrinkage (1540 °C / 1600 °C)		16.8 % / 17.3 %

All data are based upon Almatris standard test methods.

The typical properties are based upon the actual averages from production data.

Think alumina, think Almatris.

GP-RCP/024/R02/0510/MSDS 387



CT 3000 LS SG

Standard Packaging

- 25 kg paper bags on 1 mt pallet
- 1000 kg big bag, discharge sleeve and shrink wrapped



Contacts for sales, technical information and application assistance

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