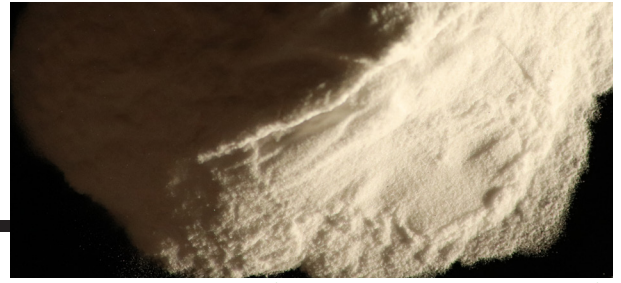




# GNP Graystar

Specialty Materials

AN ISO 9001 CERTIFIED COMPANY



## TECHNICAL DATA SHEET

### White Aluminum Oxide - Low Na Powders

#### Typical Chemistry

Aluminum Oxide ( $\text{Al}_2\text{O}_3$ )	99.78 %
Silicon Dioxide ( $\text{SiO}_2$ )	0.04 %
Sodium Dioxide ( $\text{Na}_2\text{O}$ )	0.10 %
Iron Oxide ( $\text{Fe}_2\text{O}_3$ )	0.09 %

#### Physical Characteristics

Crystal Form	Alpha - Alumina
True Density	3.95 g/cm <sup>3</sup>
Melting Point	2000°C
Color	White
Hardness	Mohs: 9.0

#### Test Methods

Sizing:	FEPA F Standard 42-2:2006 FEPA P Standard 43-2:2006 JIS R 6001-1987 Custom Sizes Available
---------	---

#### Description:

GNP Graystar's White Aluminum Oxide is electrically fused in an arc furnace using Bayer process high purity alumina. The final product is used in applications where higher purity levels and lower iron content is desired as compared to brown aluminum oxide.

#### Applications:

GNP Graystar's White Aluminum Oxide powders are used for precision lapping, micro blasting, fine grit bond and coated applications, thermal coatings, polishing compounds, and more.

[info@GNPGraystar.com](mailto:info@GNPGraystar.com)

Rev. 02/2020

**Northern Office**  
37 John Glenn Dr.  
Amherst, NY 14228  
716.759.6600

[www.GNPGraystar.com](http://www.GNPGraystar.com)

**Southern Office**  
9 Simmonsville Rd.  
Bluffton, SC 29910  
843.815.5600