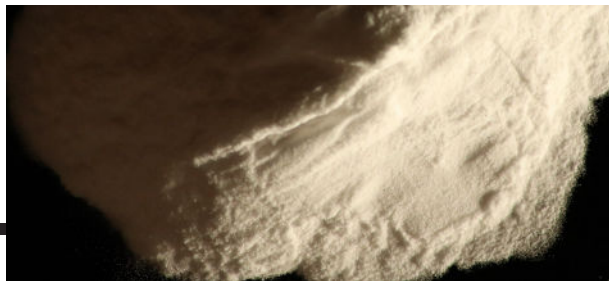
GNPGraystar
Specialty Materials
AN ISO 9001 CERTIFIED COMPANY



TECHNICAL DATA SHEET
White Aluminum Oxide - Low Na Powders

Typical Chemistry

Aluminum Oxide (Al_2O_3)	99.78 %
Silicon Dioxide (SiO_2)	0.04 %
Sodium Dioxide (Na_2O)	0.10 %
Iron Oxide (Fe_2O_3)	0.09 %

Physical Characteristics

Crystal Form	Alpha - Alumina
True Density	3.95 g/cm^3
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:

GNPGraystar'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:

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

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