



Brown Aluminum Oxide

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Description:

Brown Aluminum Oxide is fused in an electric arc furnace and produces a high strength, tough, and extremely durable grain. GNP Ceramic's Brown Aluminum Oxide is a medium to high density product which is available in standard grades, or can be custom graded for your application.

Applications:

GNP Ceramics Brown Aluminum Oxide is used in all types of bonded and coated applications for ferrous and normal alloy steels. It is also used in myriad of refractory and general industrial applications.

Contact us:

*8500 Roll Rd
Clarence Center, NY 14032
phone 716-406-2222
fax 716-406-2226*

Typical Chemistry

Aluminum Oxide (Al ₂ O ₃)	96.59%
Titanium Oxide (TiO ₂)	2.56%
Silicon Dioxide (SiO ₂)	.40%
Iron Oxide (Fe ₂ O ₃)	.10%
Others	.35%

Physical Characteristics

Crystal Form:	Alpha-Alumina
True Density:	3.95 g/cm ³
Melting Point:	2000°C
Hardness:	Mohs 9.0, Knoop (100) 2050 kg/mm
Color:	Brown

Test Methods

Sizing:	ANSI B74.12 Table II Custom Sizing to Customer Specification
Chemistry:	ANSI B74.14
Bulk Density:	ANSI B74. 4

Manufacturers and Distributors of Premium Ceramic Materials

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