
Aluminium Oxide (White)

Consists of crystalline aluminium oxide (Al_2O_3) obtained from alumina by fusion in an electric arc furnace. This high-purity material is particularly hard and angular.

General Properties

Type:	White
Colour:	White
Hardness, Mohs:	9
Hardness, Knoop:	21kN/m ²
Melting Point:	2050 °C
Grain Shape:	Angular

Applications:

Generally used for applications requiring a non-ferrous, aggressive grit blasting agent. Used primarily for special high-alloy applications (aircraft and reactor construction), cleaning of aircraft and turbine components and for other similar materials; non-ferrous metals and their alloys, synthetics and glass.

Grits Available:

Macro	Grit FEPA 24 to 220
Micro	Grit F230 to F1200

Typical chemical analysis in wt.%(of grit 24):

Al_2O_3	99.78%	Total iron as Fe_2O_3	0.04%	Na_2O	0.18%
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Hodge Clemco Ltd
Orgreave Drive
Sheffield
S13 9NR
Tel: 0114 254 8811
Fax: 01142 254 0250
Email: sales@hodgeclemco.co.uk