
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. 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:

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|-------|---------------------|
| 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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