

GUYSON SAFTIGRIT WHITE

(for use with compressed air blast systems – dry and wet)

GENERAL

Guyson Saftigrit White is a premium quality white alumina manufactured by melting a special grade of calcined alumina (aluminium oxide) in an electric arc furnace using the block method. It is also referred to a White Bauxlite, White Fused Alumina and White Corundum. It is an ultra-pure, iron-free product, the hardest of all the different types of alumina and is ideal for applications that need a high cutting ability and when freedom from contamination is vital

TYPICAL APPLICATIONS

Cleaning, Removing Corrosion and Other Surface Deposits, Roughening, Etching and Decorating

High quality applications where no contamination can be tolerated. Ideal for blasting of materials such as stainless steel, titanium, lead crystal glassware and other materials here surface cleanliness is imperative.

Chemical Composition

White Fused Alumina

| | |
|--------------------------------|----------|
| Al ₂ O ₃ | : 99.73% |
| CaO | : 0.02% |
| Fe ₂ O ₃ | : 0.03% |
| Na ₂ O | : 0.14% |
| SiO ₂ | : 0.01% |
| TiO ₂ | : 0.02% |
| MgO | : 0.01% |

Physical Data

| | |
|------------------|---|
| Shape | : Angular / Square |
| Colour | : White |
| Specific Gravity | : 3.94 |
| Bulk Density | : 1.4 – 2.1 g/cc (dependent upon grain size) |
| Hardness | : Mohs 9 |

EINECS reference 215-691-6

CAS No 1344-28-1s

Sizes Available

FEPA Mesh Sizes*: 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220

FEPA Microgrits*: F220, F240, F280, F320, F360, F400, F500, F600, F800, F1000, F1200

Range Sizes** : 80/90, 120/150, 180/220, 220/240, 240/280, 280/300

Pack Size : 25 kg bag

*not all sizes available from stock

All Guyson Saftigrit White can be supplied with certification to Rolls-Royce CSS12 aerospace standard should this be required. This is one of the highest conformity standards in the world and many other aerospace standards follow its lead.

To achieve compliance, Saftigrit White has to pass rigorous batch tests that ensure its physical and chemical properties remain consistent.

Saftigrit White is a non-toxic and non-hazardous product that contains no free silica. No special disposal precautions are required for the product once it has been used for blast finishing purposes. However, contamination from a specific application or process must also be considered prior to disposal

See Guyson MSDS reference 12A for all other details

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