

GUYSON SAFTIGRIT BROWN

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

GENERAL

Guyson Saftigrit Brown is a premium quality brown alumina manufactured by reduction melting from high grade bauxlite in an electric arc furnace using the block method. It is also referred to as Brown Bauxlite, Brown Fused Alumina and Brown Corundum.

It is an extremely durable and tough alumina with low metallic iron content and is ideal for applications where fast cutting and consistent quality is required. Additionally, this is the most economic virgin alumina available.

TYPICAL APPLICATIONS

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

Chemical Composition

Brown Fused Alumina

Al ₂ O ₃	:	95.65%
TiO ₂	:	2.42%
SiO ₂	:	0.92%
Fe ₂ O ₃	:	0.12%
CaO + MgO	:	0.57%

Sizes Available

FEPA Spot Sizes* : 8, 10, 12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120, 150, 180, 220

Range Sizes : 24//30, 30/40, 40/60, 60/80, 80/120, 120/220, 180/220, 220/280

Physical Data

Shape	:	Angular
Colour	:	Brown
Specific Gravity:	:	3.94
Bulk Density	:	1.5 – 2.1 g/cc (dependent upon grain size)
Hardness	:	Mohs 9

Pack Size : 25 kg bag

*Not all sizes available from stock

EINECS Reference 215-691-6

CAS No 1344-28-1

All Guyson Saftigrit Brown 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 Brown has to pass rigorous batch tests that ensure its physical and chemical properties remain consistent.

Saftigrit Brown 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 34 for all other details

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