



BLAST MEDIA DATA SHEET

GUYSON SAFTIGRAIN

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

General

Guyson Saftigrain is an economy blast media consisting mainly of a blend of brown, white and pink alumina. This product is obtained by reclaiming ceramic bonded grinding wheels and other products used within the abrasives industry.

It is a general purpose abrasive and can be specified for applications where a ferrous content (up to 1%) is acceptable.

Typical Applications

General engineering and restoration/renovation projects. Saftigrain is ideal for the removal of corrosion, paint, weld scale etc. and the preparation of surfaces prior to painting, bonding etc.

Chemical composition (average):

Reclaimed alumina

Al ₂ O ₃	:	80.10%
SiO ₂	:	11.60%
SiC	:	5.80%
TiO ₂	:	0.70%
Fe ₂ O ₃	:	0.20%
CaO + MgO	:	1.60%

Physical data

Shape	:	Angular
Colour	:	Mixture of brown/white/pink/black
Specific gravity	:	3.85 - 3.94
Bulk density	:	1.5 -1.8 g/cc (dependent upon grain size)
Hardness	:	Mohs 9

EINECS reference - see MSDS

Range Sizes : 24/20, 30/40, 40/60, 60/80, 80/120, 120/180, 180/220

Pack Size : 25 kg bag

See Guyson MSDS reference 11 for all other details

Saftigrain 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.