



GUYSON SILICON CARBIDE

for use with compressed air blast systems – dry and wet

GENERAL

Guyson Silicon Carbide is a premium quality abrasive manufactured by combining silica sand with carbon in an electric resistance furnace. It is also referred to as Carborundum

It is chemically inert and is also harder than any of the alumina products, which makes it ideal for applications where rapid or aggressive surface treatment is required

TYPICAL APPLICATIONS

Cleaning and roughening of the hardest surfaces, including glass and stone

Chemical Composition

Black Silicon Carbide

SiC	:	98.6%
SiO ₂	:	0.25%
Si	:	0.15%
Fe ₂ O ₃	:	0.05%

Physical Data

Shape	:	Angular
Colour	:	Black
Specific Gravity:		3.22
Bulk Density	:	1.3 – 1.5 g/cc (dependent upon grain size)
Hardness	:	Mohs 9 - 9.5

EINECS reference – see MSDS

CAS No – see MSDS

Sizes Available

FEPA Mesh	:	12, 14, 16, 20, 24, 30, 36, 46, 54, 60, 70, 80, 90, 100, 120
Sizes*	:	150, 180, 220
Pack Size	:	25 kg

*Not all sizes available from stock

Silicon Carbide 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 48 for all other details

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