

Technical Data Sheet – Sinter Ball

Sinterball abrasives are made from sintering bauxite which is a natural mineral.

The sintering process does not melt / fuse the bauxite, (as happens with aluminium oxide).

Sinterball is used extensively in the memorial masonry trade for lettering gravestones.

Product is packed in 25kg bags

Tariff Code 73269096

Chemical Composition

Component Name	Code	Concentration
Aluminium Oxide	AL ₂ O ₃	72.80%
Iron Oxide	FeO	13.50%
Silica Oxide	SiO ₂	6.98%
Calcium Oxide	CaO	2.37%
Titanium Dioxide	TiO ₂	1.63%
Potassium Oxide	K ₂ O	0.47%

Physical Properties

Physical state	Solid, Round, Black
Odour	None
Explosion Limits (%)	None
Flash point:	None
Solubility in water (kg/m ³)	Insoluble
Density (g/cm ³)	2.04
Hardness	

Grade Sizes

Sinter Ball	Mesh	mm
Sinter3	16/30	0.6-1.18
Sinter1	20/40	0.425-0.85
Sinter2	35/70	0.212-0.5