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SINTERBLAST

TRADE NAME

STARBLAST

DESCRIPTION

This product is a hard and unyielding abrasive, available in angular shapes. Starblast® is made by crushing sintering Bauxite ore. Bauxite is the main ore used to produce Aluminium and consists 75% of Aluminium Oxide.

FUNCTION

Often used to replace brown fused aluminium oxide, it can be used with conventional abrasive blasting equipment, air-compressed pressure and suction jet-blasting equipment. Sintered bauxite is also used for the following applications: antiskid flooring, carving, etching, finishing, grinding, lapping, polishing, rock tumbling, lapidary, sandblasting, slurry mixes, surface preparation and tumbling.

TYPICAL CHEMICAL ANALYSIS (full analysis on application)

Al ₂ O ₃	76.3%
SiO ₂	6.20%
TiO ₂	1.95%
Fe ₂ O ₃	14.1%
CaO	0.35%
K ₂ O	0.49%

TECHNICAL DATA

Hardness	9 Moh scale
Specific weight	3.6 g/cm ³
Bulk weight	2.08 kg/L
Particle shape	Angular
Storage	Dry, ventilated area. Max pile up of 3 pallets
Packaging	25 kg paper bags, palletised

SIEVING RANGE

CODE	SIZE RANGE (micron)	PERFORMANCE CHARACTERISTICS
8/16	1200 – 2380	Often used to replace brown fused aluminium oxide. Sintered bauxite is also used for the following applications: antiskid flooring, carving, etching, finishing, grinding, lapping, polishing, rock tumbling, lapidary, sandblasting, slurry mixes, surface preparation and tumbling.
12/20	853 – 1680	
20/40	422 – 853	
30/70	211 – 599	
60/120	125 - 25	

