

SINTERBALL**TRADE NAME****STARBALL****DESCRIPTION**

This product is a hard and unyielding abrasive in spherical shapes. Starball is made by sintering fine Bauxite ore. Bauxite is the main ore used to produce Aluminium and consists 75% of Aluminium Oxide.

FUNCTION

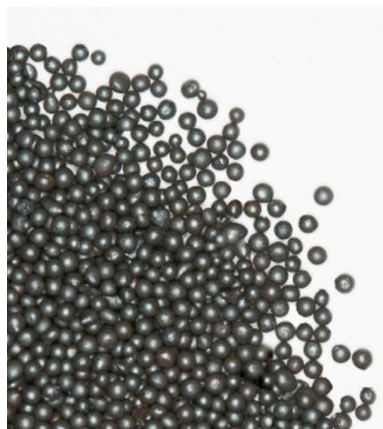
Often used to replace brown fused aluminium oxide, Starball can be used with conventional abrasive blasting equipment, air-compressed pressure and suction jet blasting equipment. Sintered bauxite is also used for the following applications: antiskid flooring, carving etching, finishing, grinding, lapping,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

**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
Specific weight	3.6 g/cm ³
Bulk weight	2.08 kg/L
Particle shape	Round
Storage	Dry, sheltered storage conditions
Packaging	25 kg paper bags

SIEVING RANGE

CODE	SIZE RANGE (micron)	PERFORMANCE CHARACTERISTICS
8/16	1200 – 2380	Often used to replace brown fused aluminium oxide. Due to high levels of Si ₂ O ₃ , the product is well suited for: antiskid flooring, carving, etching, finishing, grinding, lapping, polishing, rock tumbling, lapidary.
12/20	853 – 1680	
16/30	599 – 1200	
20/40	422 – 853	
30/50	297 – 599	
35/70	500 - 21	