

## 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.

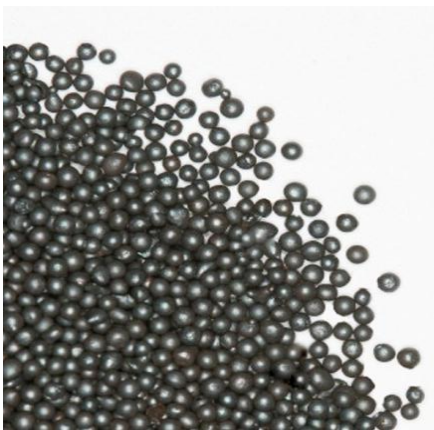
**TYPICAL CHEMICAL ANALYSIS  
(full analysis on application)**

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

**TECHNICAL DATA**

Hardness	9 Moh
Specific weight	3-4
Average bulk density	2 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 <sub>2</sub> O <sub>3</sub> , 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 - 210	