



## شركة مصنع المواد الكاشطة السعودي Saudi Abrasives Company

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### Technical Data Sheet

**Product:** WHITE FUSED ALUMINA (WFA)

#### **Blasting Grain Description:**

Aluminum Oxide is manufactured in an electric arc furnace that produces an extremely tough, long-lasting grain which is graded to exacting size standards. It may be repeatedly recirculated and is chemically stable and not affected by alkalis, acids or harmful atmospheres.

#### **Applications:**

Suitable for wet or dry surface preparation, cleaning, deburring and cutting of various metals, ceramics, glass, wood, rubber, plastic, stone and composite materials.

#### **Typical Chemical Analysis:**

♣ Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	= 99.70%
♣ Silicon Dioxide (SiO <sub>2</sub> )	= 0.02%
♣ Iron Oxide (Fe <sub>2</sub> O <sub>3</sub> )	= 0.01%
♣ Sodium Oxide (Na <sub>2</sub> O)	= 0.020%

#### **Physical Characteristics:**

- ♣ Crystal Form: Alpha-Alumina
- ♣ True Density: 3.95 g/cm<sup>3</sup>
- ♣ Hardness: Knoop (100) 2050 kg/mm, Mohs 9.0
- ♣ Melting Point: 2000°C
- ♣ Color: White

#### **Packaging:**

25Kg bags or 1 Ton Jumbo Bag