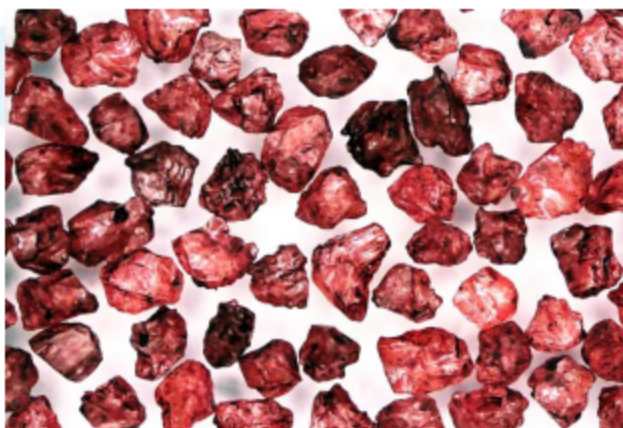


## COATED WHITE FUSED ALUMINA



### DESCRIPTION

Coated white fused alumina refers to a kind of improved abrasive that uses a certain amount of organic special auxiliary materials or inorganic special auxiliary materials and wraps them on the surface of white fused alumina particles without gaps, and then undergoes heat treatment at a specific temperature and time in the tunnel kiln, not rotary kiln like others. Coated WFA are more suitable for the mid-to-high-end needs of abrasive manufacturing.

The common coated WFA is colorless, red, which has uniform particle surface burrs, uniform crystals, high purity, high hardness, strong hydrophilic ability, the abrasives made of it are suitable for high carbon steel, high speed steel, quenched steel and other grinding.

### APPLICATIONS

**WAK15** is colorless, like original white fused alumina. It has the characteristics of low toughness, high purity, excellent self-sharpening, strong grinding force, low caloric value, high efficiency, acid and alkali corrosion resistance, high temperature resistance, good thermal stability and so on. It is mainly used in the manufacture of high-grade resin and rubber abrasive tools. The color abrasive tools made by it are suitable for the grinding of high carbon steel, high speed steel and quenched steel. It has the advantages of fast cutting

and high grinding ratio.

**WAR15** is red. Its characteristics are the same as WAK15. It is mainly used for the manufacture of high-grade resin and rubber abrasive tools. The red or black abrasive tools made by it are suitable for the grinding of high carbon steel, high speed steel and quenched steel. It has the advantages of fast cutting and high grinding ratio, and the durability is improved compared with WAK15.

**WAZ15** is white. Its characteristics are the same as WAK15. It is mainly used for the manufacture of high-grade resin and rubber abrasive tools. The color grinding tools are suitable for the grinding of high carbon steel, high speed steel and hardened steel. It has the advantages of fast cutting and high grinding ratio, and the durability is improved compared with WAK15.

### GRITS AVAILABLE: F12-F400

*Customized sizes available upon request*

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	NaO <sub>2</sub>	SiO <sub>2</sub>
98.78	0.10	0.30	0.1

### TYPICAL PHYSICAL PROPERTIES

Mineral Composition	Alpha Alumina	Color	White
Mons' Hardness	≥9.0	Knoop Hardness	2200-2300
Melting Point	2000°C	Hydrophilicity (F46)	206mm
Specific Gravity	≥3.90	Toughness (F46)	55%