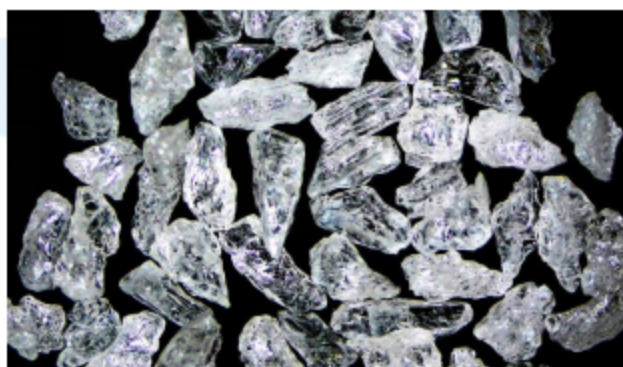


## WHITE FUSED ALUMINA FOR COATED ABRASIVES



### DESCRIPTION

White Fused Alumina produced by using the alumina powder as raw material, in the electric arc furnace by more than 2000 degrees high temperature melting. White Fused Alumina has the compact texture, uniform crystal, high purity and high hardness. So it is suitable for high carbon steel, high speed steel, quenched steel grinding.

### APPLICATIONS

**WA22** is sharp, low bulk density. The coated abrasives made by it have good sharpness, low toughness and high grinding efficiency. It is used for the production of sanding rolls and sheets, flap discs and wheels.

**WA25** is angular, the medium bulk density. The coated abrasives made by it have good hardness, high toughness and high grinding efficiency. It is also suitable for producing all kinds of coated abrasives like sanding rolls and flap discs, etc.

### GRITS AVAILABLE: P12-P2500

*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>
99.52	0.02	0.24	0.1

### TYPICAL PHYSICAL PROPERTIES

Mineral Composition	Alpha Alumina	Color	White
Mons' Hardness	≥9.0	Knoop Hardness	2200-2300
Melting Point	2000°C	Hydrophilicity (P50)	71mm
Specific Gravity	≥3.90	Toughness (P50)	36%

### TYPICAL BULK DENSITY

GRITS	BULK DENSITY	
	WA22	WA25
P12	1.72-1.82	1.81-1.91
P16	1.71-1.81	1.80-1.90
P20	1.70-1.80	1.78-1.88
P24	1.68-1.78	1.77-1.87
P30	1.67-1.77	1.76-1.86
P36	1.66-1.76	1.74-1.84
P40	1.65-1.75	1.73-1.83
P50	1.63-1.73	1.71-1.81
P60	1.61-1.71	1.69-1.79
P80	1.58-1.68	1.66-1.76
P100	1.56-1.66	1.64-1.74
P120	1.53-1.63	1.61-1.71
P150	1.50-1.60	1.58-1.68
P180	1.48-1.58	1.56-1.66
P220	1.46-1.56	1.54-1.64