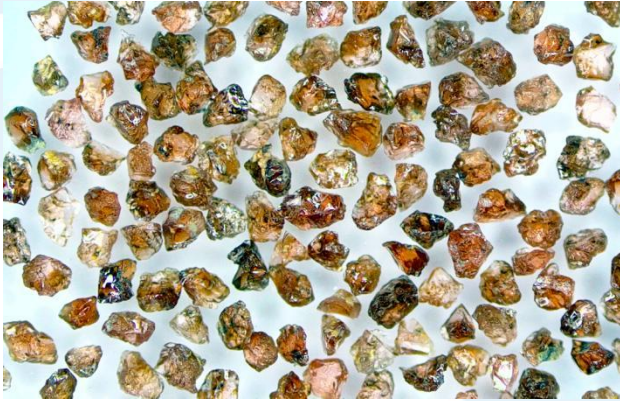


**1050 CALCINED BROWN FUSED ALUMINA FOR COATED ABRASIVES**

**DESCRIPTION**

After calcination, brown fused alumina reduces the reverse expansion, impurities and micro-cracks caused by crushing of abrasive particles, and the grain has the characteristics of high purity, stable chemical properties and high temperature resistance. Its toughness, hydrophilicity, cleanliness, magnetic content and hardness are obviously higher than regular brown fused alumina.

**APPLICATIONS**

**AT22** is sharp, low bulk density, better than A22. The coated abrasives made by AT22 are sharp, with good heat dissipation effect and high grinding efficiency. It is for the production of regular coated abrasives, suitable for all kinds of metal and wood hand grinding.

**AT25** is angular, medium bulk density, is better than A25. The coated abrasives made by AT25 are sharp, can be used in making mid-range abrasive cloth, sandpaper, sanding belts, machining of low carbon steel, steel alloy, and hard wood.

**GRITS AVAILABLE: P12-P2500**

*Customized sizes available upon request*

**TYPICAL CHEMICAL ANALYSIS**

This product information is NOT a specification, minor variations in chemistry or physical properties could cause problems or damage to your process or product, please contact our office for further assistance. +86-379-69556558

Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>
95.55	0.08	1.05	2.50

**TYPICAL PHYSICAL PROPERTIES**

Mineral Composition	Alpha Alumina	Color	Brown
Mons' Hardness	≥9.0	Knoop Hardness	1950-2200
Melting Point	2200°C	Hydrophilicity (P50)	152mm
Specific Gravity	≥3.95	Toughness (P24)	47%

**TYPICAL BULK DENSITY**

GRITS	BULK DENSITY	
	AT22	AT25
P12	1.80-1.86	1.87-1.93
P16	1.79-1.85	1.86-1.92
P20	1.78-1.84	1.85-1.91
P24	1.76-1.82	1.83-1.89
P30	1.74-1.80	1.81-1.87
P36	1.71-1.77	1.78-1.84
P40	1.67-1.73	1.74-1.80
P50	1.63-1.69	1.70-1.76
P60	1.59-1.65	1.66-1.72
P80	1.55-1.61	1.62-1.68
P100	1.51-1.57	1.58-1.64
P120	1.49-1.55	1.56-1.62
P150	1.47-1.53	1.54-1.60
P180	1.45-1.51	1.52-1.58
P220	1.43-1.49	1.50-1.56