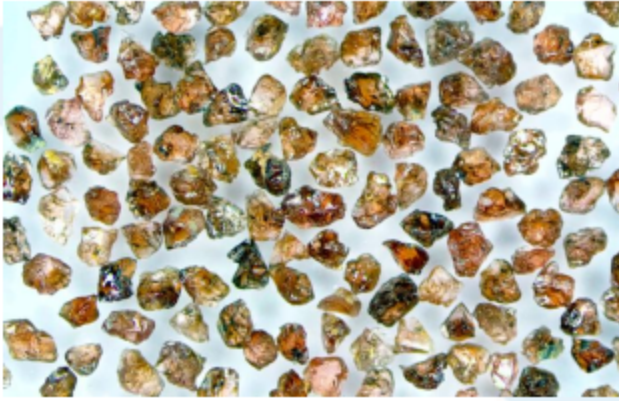


1050 CALCINED BROWN FUSED ALUMINA FOR COATED ABRASIVES



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

Al ₂ O ₃	Fe ₂ O ₃	SiO ₂	TiO ₂
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	1.85-1.95	1.90-2.00
P16	1.82-1.92	1.87-1.97
P20	1.80-1.90	1.85-1.95
P24	1.77-1.87	1.82-1.92
P30	1.74-1.84	1.79-1.89
P36	1.71-1.81	1.76-1.86
P40	1.69-1.79	1.74-1.84
P50	1.67-1.77	1.72-1.82
P60	1.64-1.74	1.69-1.79
P80	1.62-1.72	1.67-1.77
P100	1.57-1.67	1.62-1.72
P120	1.54-1.64	1.59-1.69
P150	1.51-1.61	1.56-1.66
P180	1.49-1.59	1.54-1.64
P220	1.45-1.55	1.50-1.60