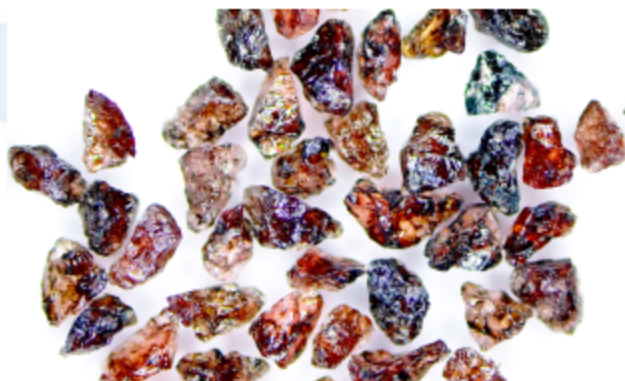


## BROWN FUSED ALUMINA FOR COATED ABRASIVES



### DESCRIPTION

DOMILL carefully selects first grade of brown fused alumina crude from our furnace factory, and does crushing, grading in strict accordance with the requirements. The made grains have the advantages of high purity, stable chemical properties, are suitable for coated abrasives manufacturing. According to the particle size, the DOMILL marks are A22 and A25.

### APPLICATIONS

A22 is sharp, with low bulk density and strong self-sharpness. The coated abrasives of manufactured has better sharpness, good heat dissipation effect and high grinding efficiency, hand working for various metals and woods.

A25 is angular, with a medium bulk density. The coated abrasives of manufactured has good sharpness, durability, high grinding efficiency, used for the production of sand cloth, sandpaper, sand belt, processing low carbon steel, alloy steel and hard wood.

### GRITS AVAILABLE: P12-P2000

*Customized sizes available upon request*

### TYPICAL CHEMICAL ANALYSIS

Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	SiO <sub>2</sub>	TiO <sub>2</sub>
95.75	0.09	0.77	2.68

### TYPICAL PHYSICAL PROPERTIES

Mineral Composition	Alpha Alumina	Color	Brown
Mons' Hardness	≥9.0	Knoop Hardness	1900-2200
Melting Point	2090°C	Hydrophilicity (P50)	112mm
Specific Gravity	≥3.93	Toughness (P24)	36%

### TYPICAL BULK DENSITY

GRITS	BULK DENSITY	
	A22	A25
P12	1.80-1.90	1.90-2.00
P16	1.78-1.88	1.88-1.98
P20	1.75-1.85	1.85-1.95
P24	1.72-1.82	1.82-1.92
P30	1.69-1.79	1.79-1.89
P36	1.66-1.76	1.76-1.86
P40	1.64-1.74	1.74-1.84
P50	1.62-1.72	1.72-1.82
P60	1.59-1.69	1.69-1.79
P80	1.57-1.67	1.67-1.77
P100	1.53-1.63	1.63-1.73
P120	1.50-1.60	1.60-1.70
P150	1.47-1.57	1.57-1.67
P180	1.45-1.55	1.55-1.65
P220	1.41-1.51	1.51-1.61