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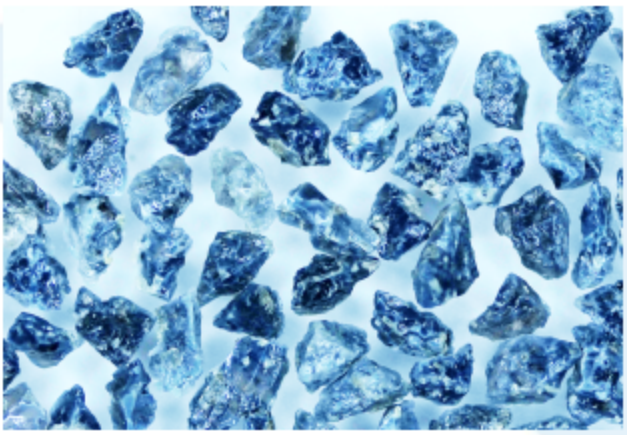
1350 CALCINED BROWN FUSED ALUMINA FOR COATED ABRASIVES



DESCRIPTION

According to the calcined temperature, 1350 calcined brown fused alumina grains are calcined to blue with maximum toughness and durability. These grains have high capillarity for instant adhesion to resin or glue bonds, most of performance index is better than 1050 calcined brown fused alumina grains.

APPLICATIONS

AB22 is sharp, low bulk density, better than AT22. The coated abrasives made of them have high sharpness, good heat dissipation effect and high durability; they are used for high-grade coated abrasives, making abrasive cloth, sandpaper, abrasive belt, processing low carbon steel, alloy steel and special wood, etc.

AB25 is angular, medium bulk density, is better than AT25. It can be used in making top-grade abrasive cloth, sandpaper, sanding belts, working on different kinds of steel, such as construction steel, alloyed steel, casting steel, nodular cast-iron, malleable cast-iron and some hard timber, etc.

GRITS AVAILABLE：P12-P1500

Customized sizes available upon request

TYPICAL CHEMICAL ANALYSIS

Al_2O_3	Fe_2O_3	SiO_2	TiO_2
95.80	0.08	0.75	2.65

TYPICAL PHYSICAL PROPERTIES

Mineral Composition	Alpha Alumina	Color	Blue
Mons' Hardness	≥9.0	Knoop Hardness	1950-2200
Melting Point	2200°C	Hydrophilicity (P50)	168mm
Specific Gravity	≥3.90	Toughness (P24)	54%

TYPICAL BULK DENSITY

GRITS	BULK DENSITY	
	AB22	AB25
P12	1.79-1.89	1.89-1.99
P16	1.77-1.87	1.87-1.97
P20	1.75-1.85	1.85-1.95
P24	1.73-1.83	1.81-1.91
P30	1.71-1.81	1.78-1.88
P36	1.69-1.79	1.75-1.85
P40	1.67-1.77	1.73-1.83
P50	1.65-1.75	1.71-1.81
P60	1.63-1.73	1.68-1.78
P80	1.61-1.71	1.66-1.76
P100	1.57-1.67	1.61-1.71
P120	1.54-1.64	1.58-1.68
P150	1.51-1.61	1.55-1.65
P180	1.49-1.59	1.53-1.63
P220	1.46-1.56	1.49-1.59