

ARTIRUNDUM® ACB, ACB-M2

ARTIRUNDUM® ACB is produced by special control to the crystal size of alpha-alumina and consistent chemistry in fusing to offer fast cutting and high stock removal properties. The grains are carefully engineered with unique angular shape and stable bulk densities. They are special processed for high capillarity and good electrostatic characteristics. The minerals are mainly used for making all kinds of brown aluminium oxide coated abrasives for working on different kinds of steel, such as construction steel, tool steel, alloyed steel, casting steel, nodular cast-iron, malleable cast-iron and some hard timber, etc.

ARTIRUNDUM® ACB is calcined to blue with maximum toughness and durability for making coated abrasives to work under extreme high pressure.

ARTIRUNDUM® ACB-M2 is further treated with ceramic coating to increase the adhesive action between the bonds where long life, high pressure and fast speed are required.

TYPICAL CHEMICAL ANALYSIS (P24)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	CaO	MgO
96.50%	2.65%	0.55%	0.08%	0.07%	0.15%

PHYSICAL PROPERTIES

	ACB
Colour	Blue
Shape	Angular
Bulk density	Low
Toughness	Very high
Cutting power	High

BULK DENSITY (g/cm³)

Size	ACB	Size	ACB
P12	1.88 - 1.94	P60	1.69 - 1.75
P16	1.84 - 1.90	P80	1.68 - 1.74
P20	1.82 - 1.88	P100	1.64 - 1.70
P24	1.79 - 1.85	P120	1.58 - 1.64
P30	1.77 - 1.83	P150	1.56 - 1.62
P36	1.73 - 1.79	P180	1.54 - 1.60
P40	1.71 - 1.77	P220	1.54 - 1.60
P50	1.70 - 1.76		

Bulk density after M2 treatment is subject to ± 0.04 g/cm³ variation.

PACKING

- 1,000Kg big bags with four handles for loading and unloading;
- 40 X 25Kg paper bags on pallet and wrapped by plastic shrunked sheets.

ARTIRUNDUM® ACB is produced in accordance with GB/T 3043-2000 for chemical analysis; ANSI B74.19 for magnetic content; FEPA 44-GB-1986 for bulk density and FEPA 43-GB-1984 for grading. Specifications are subject to change without notice. (12/12)



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