

ARTIRUNDUM® ACH, ACH-M2

ARTIRUNDUM® ACH 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® ACH is angular and sharp-edged for making coated abrasives to work under general pressure.

ARTIRUNDUM® ACH-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

	ACH
Colour	Brown
Shape	Angular
Bulk density	Low
Toughness	Medium
Cutting power	High

BULK DENSITY (g/cm³)

Size	ACH	Size	ACH
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® ACH 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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ISO 14001:2004 Cert. CN13/20419