

ARTIRUNDUM®

AOD, AODB

ARTIRUNDUM® AOD and AODB are tough brown fused alumina abrasives with consistent chemistry which exhibit longer grinding and cutting life. The grains are carefully engineered with unique particle shape and stable bulk densities. The minerals are special processed for high capillarity and good electrostatic characteristics. They are mainly used in making all kinds of brown aluminium oxide coated abrasives for steel, metal, plastic and wood industries.

ARTIRUNDUM® AOD is dense and tough for making coated abrasives to work under high pressure.

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

TYPICAL CHEMICAL ANALYSIS (P24)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	CaO	MgO
96.37%	2.75%	0.50%	0.10%	0.08%	0.20%

PHYSICAL PROPERTIES

	AOD	AODB
Colour	Brown	Blue
Shape	Angular	Blocky
Bulk density	Low	High
Toughness	High	Very high
Cutting power	High	Medium

BULK DENSITY (g/cm³)

Size	AOD	AODB	Size	AOD	AODB
P12	1.88 - 1.94	2.00 - 2.10	P60	1.69 - 1.75	1.71 - 1.81
P16	1.84 - 1.90	1.94 - 2.04	P80	1.68 - 1.74	1.67 - 1.77
P20	1.82 - 1.88	1.91 - 2.01	P100	1.64 - 1.70	1.64 - 1.74
P24	1.79 - 1.85	1.89 - 1.99	P120	1.58 - 1.64	1.62 - 1.72
P30	1.77 - 1.83	1.88 - 1.98	P150	1.56 - 1.62	1.60 - 1.70
P36	1.73 - 1.79	1.85 - 1.95	P180	1.54 - 1.60	1.57 - 1.67
P40	1.71 - 1.77	1.77 - 1.87	P220	1.54 - 1.60	1.55 - 1.65
P50	1.70 - 1.76	1.73 - 1.83			

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® AOD and AODB are 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