

ARTIRUNDUM®

SFB, SFB-M2

ARTIRUNDUM® SFB is semi-friable brown fused alumina. They are undergone precision fusing for special crystallization and low titanium content. The grains are carefully engineered with unique particle shape and stable bulk densities. They are processed for high capillarity and good electrostatic characteristics for coated abrasives.

ARTIRUNDUM® SFB is calcined to blue with maximum toughness and durability for making coated abrasives to work under heat sensitive conditions while high pressure and fast speed operations are required.

ARTIRUNDUM® SFB-M2 is further treated with ceramic coating to increase the adhesive action between the bonds where long life and extreme high pressure are also required.

TYPICAL CHEMICAL ANALYSIS (P24)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	CaO	MgO
97.86%	1.60%	0.25%	0.08%	0.06%	0.15%

PHYSICAL PROPERTIES

	SFB
Colour	Greyish Blue
Shape	Angular
Bulk density	Low
Toughness	High
Cutting power	Very High

BULK DENSITY (g/cm³)

Size	SFB	Size	SFB
P12	1.87 - 1.95	P60	1.70 - 1.77
P16	1.85 - 1.93	P80	1.68 - 1.76
P20	1.83 - 1.91	P100	1.63 - 1.70
P24	1.82 - 1.90	P120	1.59 - 1.65
P30	1.81 - 1.87	P150	1.56 - 1.62
P36	1.80 - 1.86	P180	1.54 - 1.60
P40	1.74 - 1.80	P220	1.54 - 1.60
P50	1.73 - 1.79		

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® SFB 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 9001:2008 Cert. CN99/17081, CN13/20418
ISO 14001:2004 Cert. CN13/20419