

ARTIRUNDUM®

SF, SFG, SF-M2, SFG-M2

ARTIRUNDUM® SF and SFG are 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® SF and SFG are mainly used for making special coated abrasives to work on heat sensitive conditions while fast speed operations are required.

ARTIRUNDUM® SF-M2 and SFG-M2 are further treated with ceramic coating to increase the adhesive action between the bonds where long life and 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

	SF	SFG
Colour	Light Brown	Light Brown
Shape	Angular	Blocky
Bulk density	Low	High
Toughness	Medium	High
Cutting power	Very High	Very High

BULK DENSITY (g/cm³)

Size	SF	SFG	Size	SF	SFG
P12	1.88 - 1.94	1.95 - 2.03	P60	1.69 - 1.75	1.76 - 1.82
P16	1.84 - 1.90	1.91 - 1.99	P80	1.68 - 1.74	1.75 - 1.81
P20	1.82 - 1.88	1.89 - 1.97	P100	1.64 - 1.70	1.71 - 1.77
P24	1.79 - 1.85	1.86 - 1.94	P120	1.58 - 1.64	1.65 - 1.73
P30	1.77 - 1.83	1.84 - 1.92	P150	1.56 - 1.62	1.63 - 1.71
P36	1.73 - 1.79	1.80 - 1.88	P180	1.54 - 1.60	1.61 - 1.69
P40	1.71 - 1.77	1.78 - 1.86	P220	1.54 - 1.60	1.61 - 1.69
P50	1.70 - 1.76	1.77 - 1.85			

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® SF and SFG 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