

ARTIRUNDUM®

SFA, SFAG

ARTIRUNDUM® SFA and SFAG are semi-friable brown fused alumina. They are undergone precision fusing for special crystallization and low titanium content. The grains are specially engineered for uniform particle shape with sharp cutting edges.

ARTIRUNDUM® SFA and SFAG are repeatedly magnetic separated for making vitrified bonded grinding wheels where bright colour without ferro sport is concerned to work on heat sensitive conditions and fast speed.

TYPICAL CHEMICAL ANALYSIS (F24)

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

	SFA	SFAG
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	SFA	SFAG	Size	SFA	SFAG
F8	1.88 - 1.97	1.98 - 2.08	F54	1.69 - 1.78	1.79 - 1.89
F10	1.87 - 1.96	1.97 - 2.07	F60	1.68 - 1.77	1.78 - 1.88
F12	1.86 - 1.95	1.96 - 2.06	F70	1.67 - 1.76	1.77 - 1.87
F14	1.85 - 1.94	1.95 - 2.05	F80	1.64 - 1.73	1.74 - 1.84
F16	1.84 - 1.93	1.94 - 2.04	F90	1.62 - 1.71	1.72 - 1.82
F20	1.83 - 1.92	1.93 - 2.03	F100	1.59 - 1.68	1.69 - 1.79
F22	1.80 - 1.89	1.90 - 2.00	F120	1.57 - 1.66	1.67 - 1.77
F24	1.79 - 1.88	1.89 - 1.99	F150	1.55 - 1.64	1.65 - 1.75
F30	1.76 - 1.85	1.86 - 1.96	F180	1.53 - 1.62	1.63 - 1.73
F36	1.74 - 1.83	1.84 - 1.94	F220	1.52 - 1.61	1.62 - 1.72
F40	1.72 - 1.81	1.82 - 1.92	F240	1.51 - 1.60	1.61 - 1.71
F46	1.70 - 1.79	1.80 - 1.90			

PACKING

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

ARTIRUNDUM® SFA and SFAG 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 42-GB-1984 for grading (except F240). Specifications are subject to change without notice. (12/12)



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ISO 14001:2004 Cert. CN13/20419