

SFARHTW - (Macro) >> COATED

Brown Fused Aluminum Oxide

SFARHTW is a blend of grits of SFARHT and AL. SFARHT is a semi friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. The grits are heat treated in order to increase the toughness. AL is a white aluminum oxide produced from the fusion of calcined alumina in electric arc furnaces. Grits of AL are friable and offer a cool cutting by constant replacement of edges. The blend of both products enable a changed toughness for special and sensitive applications. Produced according to ANSI or FEPA-P.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm ³	56%

Bulk Density (g/cm³)

Grit Size	(L) sharp
12	1.78
40	1.75
60	1.71
80	1.67
100	1.62

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Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	Na ₂ O
97.91	1.22	0.49	0.21	0.12