

SFARHT - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

SFARHT is a semi-friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. The grits are heated at high temperatures keeping their normal brown color, and toughness is increased. It's recommended for high performance bonded abrasives. Produced according to ANSI or FEPA-F.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm ³	55%

Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃
97.64	1.43	0.53	0.12

Bulk Density (g/cm³)

Grit Size	(R) cubic
10	1.93
12	1.93
14	1.92
16	1.92
20	1.92
22	1.92
24	1.89
30	1.88
36	1.87
40	1.83
46	1.82
54	1.82
60	1.83
70	1.76
80	1.75
90	1.72
100	1.69
120	1.67
150	1.59
180	1.59
220	1.58

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