

SFARBF - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

SFARBF is a semi-friable fused aluminum oxide obtained by a reductive fusion of high quality bauxites in electric arc furnaces. The grits are heated at high temperatures and turn blue due to their controlled chemistry increasing toughness. SFARBF is recommended for high performance semi-friable grinding wheels. Produced according to ANSI or FEPA-F.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.96 g/cm ³	51%

Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃
97.19	1.62	0.49	0.15

Bulk Density (g/cm³)

Grit Size	(R) cubic
10	1.92
12	1.91
14	1.90
16	1.89
20	1.89
22	1.89
24	1.88
30	1.88
36	1.88
40	1.80
46	1.80
54	1.80
60	1.80
70	1.80
80	1.80
90	1.72
100	1.65
120	1.67
150	1.59
180	1.59
220	1,58

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