

SFARRC - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

SFARRC is a semi-friable brown fused aluminum oxide obtained by a reductive fusion of high purity bauxites in electric arc furnaces. The grits are ceramic coated, which provides an increase in the specific surface of the abrasive grain and a better adhesion between the abrasive grain and resin. In order to improve its quality this material is heat treated at high temperatures. SFARRC is 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	58%

Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃
97.23	1.20	0.46	0.64

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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