

## SFARBFRC - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

SFARBFRC is a semi-friable fused aluminum oxide obtained by a reductive fusion of high quality in electric arc furnaces. The grits are heated at high temperatures and turn blue due to their controlled chemistry increasing toughness. The grits are ceramic coated with iron oxide at high temperatures improving their capacity to bond each other in resin bonded cutting-off discs. SFARBFRC 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)
3.94 g/cm <sup>3</sup>	51%

### Chemical Analysis by XRF (%)

Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>
97.19	1.62	0.49	0.15

### Bulk Density (g/cm<sup>3</sup>)

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	1.66
120	1.67
150	1.59
180	1.59
220	1.58

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