

SFARBFST - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

SFARBFST is a semi-friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. The grits are silane coated, which promotes a better connection between the abrasive grain and phenolic resin binder. SFARBFST is heat treated at high temperatures and these procedures guarantee stress relief, high toughness and a blue colored grit. SFARBFRC is recommended for high performance grinding wheels. Produced according to ANSI or FEPA-F.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 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	1.66
120	1.67
150	1.59
180	1.59
220	1.58

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