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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/cm³	48%

Chemical Analysis by XRF (%)

Al_2O_3	TiO_2	SiO_2	Fe_2O_3
97.11	1.67	0.52	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

FEPA 44 - 1:2006

The values informed above are typical, for further information contact Applications Engineer Department.
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