ELFUSA
GERAL DE ELETROFUSÃO LTDA

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ALOMAXST - R (Macro) >> Bonded

Brown Fused Aluminum Oxide

ALOMAXST is a semi friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnace. The grits are silane coated, which promotes a better connection between the abrasive grain and phenolic resin binder. ALOMAXST presents good toughness and excellent abrasion properties, being 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/cm³	58%

Chemical Analysis by XRF (%) - Before silane treatment

Al_2O_3	TiO_2	SiO_2	Fe_2O_3	MgO
97.83	1.16	0.44	0.14	0.05

Bulk Density (g/cm³)

Grit Size	(R) cubic
10	1.92
12	1.91
14	1.91
16	1.91
20	1.89
22	1.89
24	1.90
30	1.89
36	1.88
40	1.85
46	1.84
54	1.79
60	1.78
70	1.76
80	1.76
90	1.72
100	1.69
120	1.68
150	1.66
180	1.65
220	1.64

FEPA 44 - 1:2006

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