

## 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/cm <sup>3</sup>	59%

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

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

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### Chemical Analysis by XRF (%) - Before silane treatment

Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	MgO
97.67	1.22	0.54	0.15	0.04