

ALOMAXRC - R (Macro) >> Bonded

Brown Fused Aluminum Oxide

ALOMAXRC is a semi friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnace. The grits are ceramic coated, which provides an increase in the specific surface of the abrasive grain and a better adhesion between the abrasive grain and resin. ALOMAXRC 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 ³	55%

Chemical Analysis by XRF (%) - Before red coated treatment

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	MgO
97.67	1.22	0.54	0.15	0.04

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

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