



Brown Fused Aluminum Oxide

ALOMAX

ALOMAX is a semi friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. ALOMAX presents good toughness and excellent abrasion properties, being recommended for high performance coated abrasives.

Grades

Shape Treatment	Angular
Not Treated	ALOMAX L
Red Coated (RC)	ALOMAXRC L
Silane Treated (ST)	ALOMAXST L

General Properties

True Specific Gravity

3.94 g/cm³

Hardness (Knoop-100)

1900 Kgf/mm²

Toughness (ANSI-B.74.8.1987)

41 %

Typical Chemical Content

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	MgO
98.1	1.00	0.40	0.13	0.12

Bulk Density (g/cm³)

Grit Size	L	Grit Size	L
12	1.79-1.89	60	1.65-1.75
16	1.75-1.85	80	1.63-1.73
20	1.74-1.84	100	1.56-1.66
24	1.74-1.84	120	1.55-1.65
30	1.71-1.81	150	1.52-1.62
36	1.70-1.80	180	1.50-1.60
40	1.66-1.76	220	1.49-1.59
50	1.65-1.75		

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