

ALST - R (Macro) >> BONDED

White Fused Aluminum Oxide

ALST is a white fused aluminum oxide obtained from the fusion of calcined alumina in electric arc furnaces. The grits are silane coated, which promotes a better connection between the abrasive grain and phenolic resin binder. ALST presents high purity and high capacity of edge reposition and is recommended for special application where contamination is an issue to be considered. Produced according to ANSI or FEPA-F.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm ³	62%

Chemical Analysis by XRF (%)

Al ₂ O ₃	Fe ₂ O ₃	Na ₂ O
99.47	0.04	0.41

Bulk Density (g/cm³)

Grit Size	(R) cubic	(HD) super cubic
10	1.81	1.92
12	1.80	1.91
14	1.77	1.88
16	1.78	1.89
20	1.79	1.90
22	1.79	1.90
24	1.78	1.89
30	1.77	1.88
36	1.77	1.88
40	1.74	1.85
46	1.76	1.87
54	1.74	1.85
60	1.72	1.83
70	1.67	1.78
80	1.68	1.79
90	1.64	1.75
100	1.62	1.73
120	1.61	1.79
150	1.55	1.75
180	1.54	1.75
220	1.53	1.75

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