ELFUSA
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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/cm³	62%

Chemical Analysis by XRF (%)

Al_2O_3	Fe_2O_3	Na_2O
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

FEPA 44 - 1:2006

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