

BT - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

BT is a brown fused aluminum oxide obtained by a reduction fusion of high quality bauxites in electric arc furnaces. Due to its high toughness, BT is recommended for high performance grinding wheels. Produced according to ANSI or FEPA-F.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.96 g/cm ³	52%

Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	MgO
95.61	2.55	0.90	0.23	0.32

Bulk Density (g/cm³)

Grit Size	(LD) sharp	(R) cubic	HD (super cubic)
10	1.79	1.90	2.01
12	1.80	1.91	2.02
14	1.80	1.91	2.02
16	1.79	1.80	2.01
20	1.79	1.80	2.01
22	1.79	1.80	2.01
24	1.78	1.89	2.00
30	1.77	1.88	1.99
36	1.77	1.88	1.99
40	1.75	1.86	1.97
46	1.74	1.85	1.96
54	1.70	1.81	1.92
60	1.68	1.79	1.90
70	1.65	1.76	1.87
80	1.63	1.74	1.85
90	1.60	1.71	1.83
100	1.58	1.69	1.80
120	1.55	1.66	1.77
150	1.54	1.65	1.76
180	1.51	1.62	1.73
220	1.49	1.60	1.71

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