

BTM - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

BTM is a brown fused aluminum oxide obtained by a reduction fusion of high quality bauxites in electric arc furnaces. Due to its high toughness, BTM 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	56%

Bulk Density (g/cm³)

Grit Size	(R) cubic
10	1.86
12	1.86
14	1.85
16	1.85
20	1.82
22	1.72
24	1.80
30	1.80
36	1.79
40	1.77
46	1.75
54	1.74
60	1.73
70	1.71
80	1.68
90	1.68
100	1.65
120	1.65
150	1.64
180	1.62
220	1.60

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Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	MgO
95.95	2.23	0.80	0.35	0.23