

## BT - R (Macro) >> BONDED

### Brown Fused Aluminum Oxide

BT is a Regular 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 resin-bonded abrasives. Produced according to ANSI or FEPA-F.

#### General Characteristics

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

#### Chemical Analysis by XRF (%)

Al <sub>2</sub> O <sub>3</sub>	TiO <sub>2</sub>	SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	MgO
95.95	2.45	0.75	0.19	0.27

#### Bulk Density (g/cm<sup>3</sup>)

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	1.50	1.60	1.71

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