

TBRC - R (Macro) >> BONDED

Brown Fused Aluminum Oxide

TBRC is a friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. The grits are ceramic coated, which provided an increase in the specific surface of the abrasive grain and a better adhesion between the abrasive grain and resin. TBRC presents an excellent cost/benefit relation, being 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 ³	62%

Chemical Analysis by XRF (%)

Al ₂ O ₃	TiO ₂	SiO ₂	Fe ₂ O ₃	MgO
96.97	1.61	1.05	0.85	0.16

Bulk Density (g/cm³)

Grit Size	(R) cubic	(HD) super cubic
10	1.77	1.88
12	1.77	1.88
14	1.78	1.89
16	1.76	1.87
20	1.74	1.85
22	1.74	1.85
24	1.73	1.84
30	1.72	1.83
36	1.72	1.83
40	1.71	1.82
46	1.71	1.82
54	1.70	1.81
60	1.68	1.79
70	1.68	1.79
80	1.68	1.79
90	1.67	1.78
100	1.66	1.77
120	1.66	1.77
150	1.60	1.71
180	1.60	1.71
220	1.59	1.69

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