ELFUSA
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TB >> COATED

Brown Fused Aluminum Oxide

TB is a friable brown fused aluminum oxide obtained from the fusion of high purity bauxites in electric arc furnaces. It presents an excellent cost/benefit relation, being recommended for wood and dry wall coated abrasives.

Types of Treatment

Treatment	Shape
	Angular
Not treated	TB L
Red Coated (RC)*	TBRC L
Silane Treated (ST)*	TBST L

General Characteristics

True Specific Gravity	Hardness (Knoop - 100)	Toughness (ANSI-B74.8R2007)
3,96 g/cm³	1.900 kgf/cm²	38%

Chemical Analysis by XRF (%)

Al_2O_3	TiO_2	SiO_2	Fe_2O_3	MgO
96,30	1,63	0,94	0,77	0,12

Bulk Density (g/cm³)

Grit Size	L
12	1,75 - 1,85
16	1,75 - 1,85
20	1,74 - 1,84
24	1,74 - 1,84
30	1,74 - 1,84
36	1,72 - 1,82
40	1,71 - 1,81
50	1,69 - 1,79
60	1,67 - 1,77
80	1,65 - 1,75
100	1,63 - 1,73
120	1,61 - 1,71
150	1,59 - 1,69
180	1,58 - 1,68
220	1,57 - 1,67

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* Treatment (RC or ST) can affect bulk density by ± 0,05 g/cm³.

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