



1984 - 2024

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Analisi Chimica

Brown Fused Alumina Oxide cubic type CERAMIC COATED HD

Chemical Composition

Al₂O₃	96,2%
Fe₂O₃	0,12%
TiO₂	2.5%
CaO	0.3%
SiO₂	0.7%
MgO	0.3%

.This first quality BFA, the heat treatment improves grains strength and surface properties. Could be used for bonded disk and vitrified application also. After this grains are again treated with a ceramic coating. This treatment improve the bonding of the grains with the synthetic resin, with a result on the disk of longer life time, and better performance.

Color: Red/Brown

Bulk Density on size:

24:	<u>1.86/ 2.01</u>
30:	<u>1.85/ 1.95</u>
36:	<u>1.82/1.92</u>
46:	<u>1.77/1.87</u>

Hardness 21Kn/mm² Knoop- 9 mohs

Melting point approx. 2000 °C

Grain Shape: Blocky grain

Toughness: High

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