

## MAXCALST - R (Macro) >> BONDED

Special Brown Fused Aluminum

MAXCALST is a special brown fused aluminum oxide developed for high performance abrasive products. The grits are silane coated, which promotes a better connection between the abrasive grain and phenolic resin binder. MAXCALST is low titania content product, heat treated in a rotary kiln at high temperatures and magnetic treated. These procedures guarantee low iron content and excellent grit stability. Produced according to ANSI or FEPA-F.

### General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm <sup>3</sup>	54%

### 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>
97.82	1.16	0.45	0.14

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

Grit Size	(R) cubic
10	1.92
12	1.92
14	1.92
16	1.92
20	1.92
22	1.92
24	1.89
30	1.89
36	1.86
40	1.87
46	1.84
54	1.81
60	1.79
70	1.77
80	1.74
90	1.72
100	1.69
120	1.68
150	1.67
180	1.63
220	1.60

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