

MKE - R (Macro) >> BONDED

Special Fused Aluminum Oxide

MKE is a special aluminum oxide, obtained by fusing calcined alumina and special additives. MKE is treated at high temperatures and is recommended for high-performance abrasives with inorganic and organic bonding. It can substitute monocrystal aluminum oxide with advantages. MKE is classified in accordance with ANSI and/or FEPA standards.

General Characteristics

True Specific Gravity	Friability (ANSI-B74.8R2007)
3.94 g/cm ³	33%

Bulk Density (g/cm³)

Grit Size	(R) cubic
10	1.85
12	1.85
14	1.83
16	1.83
20	1.79
22	1.79
24	1.79
30	1.78
36	1.78
40	1.78
46	1.78
54	1.72
60	1.71
70	1.65
80	1.64
90	1.59
100	1.58
120	1.58
150	1.53
180	1.52
220	1.49

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Chemical Analysis by XRF (%)

Al ₂ O ₃	Cr ₂ O ₃	TiO ₂	Fe ₂ O ₃	Na ₂ O
99.45	0.07	0.15	0.03	0.29