

# Kramer Industries, Inc.

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“Right From The Start”

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## White Aluminum Oxide Grit #10 Mesh

### Typical Physical Properties

Color	White
Grain Shape	Angular
Crystallinity	Coarse Crystal
Hardness	9 Mohs
Specific Gravity	3.8
Bulk Density	106 lbs / ft <sup>3</sup>

### Proximate Chemical Analysis

Al <sub>2</sub> O <sub>3</sub>	99.4806 %	CaO	0.0528 %
TiO <sub>2</sub>	0.0061 %	MgO	0.0078 %
SiO <sub>2</sub>	0.0378 %	Na <sub>2</sub> O	0.3650 %
Fe <sub>2</sub> O <sub>3</sub>	0.0422 %	K <sub>2</sub> O	0.0078 %

### Particle Size Distribution

Screen Size	Size Grading Specification <sup>1</sup>		% Retention <sup>2</sup>
	Lower Limit	Upper Limit	
6	0.0 %	0.0 %	0.0 %
8	0.0 %	20.0 %	2.5 %
12	70.0 %	100%	96.3 %
14	0.0 %	100%	1.0 %
-14	0.0 %	3.0 %	0.2 %
10 (CONTROL <sup>3</sup> )	45.0 %	100 %	62.5 %
Bulk Density (g/cc)	1.74	1.84	1.767

**Notes:**

ANSI Testing Methods: **Size Grading** B74-12-2001; **Bulk Density** B74-4-1997

<sup>1</sup> Specification for percentage retained on each screen size for given grade of product.

<sup>2</sup> Results of a recent batch.

<sup>3</sup> Control screen for quick confirmation of product grade.