

# Kramer Industries, Inc.

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“Right From The Start”

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## White Aluminum Oxide Grit #16 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>	99.5456 %	CaO	0.0478 %
TiO <sub>2</sub>	0.0072 %	MgO	0.0097 %
SiO <sub>2</sub>	0.0266 %	Na <sub>2</sub> O	0.3125 %
Fe <sub>2</sub> O <sub>3</sub>	0.0419 %	K <sub>2</sub> O	0.0088 %

### Particle Size Distribution

Screen Size	Size Grading Specification <sup>1</sup>		% Retention <sup>2</sup>
	Lower Limit	Upper Limit	
10	0.0 %	0.0 %	0.0 %
14	0.0 %	20.0 %	10.4 %
18	70.0 %	100%	87.5 %
20	0.0 %	100%	2.0 %
-20	0.0 %	3.0 %	0.1%
16 (CONTROL <sup>3</sup> )	45.0 %	100 %	58.5 %

**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.