

# Kramer Industries, Inc.

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“Right From The Start”

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## White Aluminum Oxide Grit #46 Mesh

### Typical Physical Properties

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

### Proximate Chemical Analysis

<b>Al<sub>2</sub>O<sub>3</sub></b>	99.26 %	<b>CaO</b>	0.05 %
<b>TiO<sub>2</sub></b>	0.0 %	<b>MgO</b>	0.02%
<b>SiO<sub>2</sub></b>	0.10 %	<b>Na<sub>2</sub>O</b>	0.44 %
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.13 %	<b>K<sub>2</sub>O</b>	0.0 %

### Particle Size Distribution

Screen Size	Size Grading Specification <sup>1</sup>		% Retention <sup>2</sup>
	Lower Limit	Upper Limit	
30	0.0 %	0.0 %	0.0 %
40	0.0 %	30.0 %	22.9 %
50	65.0 %	100%	70.6 %
60	0.0 %	100%	6.0 %
-60	0.0 %	3.0 %	0.5 %
<b>45 (CONTROL<sup>3</sup>)</b>	<b>40.0 %</b>	<b>100 %</b>	<b>51.4 %</b>

**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.