

# Kramer Industries, Inc.

140 Ethel Road West  
Unit U  
Piscataway, NJ 08854

phone: 888-515-9443  
fax: 732-650-0556  
www.KramerIndustriesOnline.com

“Right From The Start”

---

## White Aluminum Oxide Grit #320 Mesh

### Typical Physical Properties

Color	White
Grain Shape	Angular
Crystallinity	Coarse Crystal
Hardness	9 Mohs
Specific Gravity	3.8

### Proximate Chemical Analysis

<b>Al<sub>2</sub>O<sub>3</sub></b>	99.14 %	<b>CaO</b>	0.04 %
<b>TiO<sub>2</sub></b>	0.01 %	<b>MgO</b>	0.03 %
<b>SiO<sub>2</sub></b>	0.10 %	<b>Na<sub>2</sub>O</b>	0.54 %
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.14 %	<b>K<sub>2</sub>O</b>	0.01 %

### Particle Size Distribution

Screen Size	Size Grading Specification <sup>1</sup>		% Retention <sup>2</sup>
	Lower Limit	Upper Limit	
170	0.0 %	0.0 %	0.0 %
200	0.0 %	1.0 %	0.0 %
230	0.0 %	3.0 %	0.4 %
270	0.0 %	20.0 %	11.3 %
-325	60.0 %	95.0 %	74.8 %
<b>325 (CONTROL<sup>3</sup>)</b>	<b>5.0 %</b>	<b>40.0 %</b>	<b>25.2 %</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.