

# 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 #90 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>	99.23 %	CaO	0.05 %
TiO <sub>2</sub>	0.01 %	MgO	0.02 %
SiO <sub>2</sub>	0.12 %	Na <sub>2</sub> O	0.44 %
Fe <sub>2</sub> O <sub>3</sub>	0.14 %	K <sub>2</sub> O	0.01 %

### Particle Size Distribution

Screen Size	Size Grading Specification <sup>1</sup>		% Retention <sup>2</sup>
	Lower Limit	Upper Limit	
60	0.0 %	0.0 %	0.0 %
80	0.0 %	20.0 %	8.7 %
+120	65.0 %	100%	84.4 %
140	0.0 %	100%	6.5 %
-140	0.0 %	3.0 %	0.4 %
100 (CONTROL <sup>3</sup> )	40.0 %	100 %	45.4 %

**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.