

# 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”**

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## Aluminum Oxide Grit #1000 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

### Proximate Chemical Analysis

<b>Al<sub>2</sub>O<sub>3</sub></b>	97.69 %	<b>CaO</b>	0.08 %
<b>TiO<sub>2</sub></b>	1.25 %	<b>MgO</b>	0.17 %
<b>SiO<sub>2</sub></b>	0.35 %	<b>Na<sub>2</sub>O</b>	0.08 %
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.30 %	<b>K<sub>2</sub>O</b>	0.08 %

### Particle Size Distribution

Size Distribution	Specification (microns) <sup>1</sup>		Result <sup>2</sup>
	Lower Limit	Upper Limit	
Ds 3 <sup>3</sup>	0.0	9.6	8.41
Ds 50 <sup>4</sup>	3.7	5.3	4.33
Ds 94 <sup>5</sup>	0.7	100.0	1.66

**Notes:**

FEPA-42.GB.1984 R-1993 (Sedigraph)

<sup>1</sup> Results obtained using Sedigraph settling test.

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

<sup>3</sup> DS 3 result indicates that 3% of distribution is the result and larger.

<sup>4</sup> DS 50 result is median of particle size distribution.

<sup>5</sup> DS 94 result indicates that 94% of distribution is the result and larger.