

# Kramer Industries, Inc.

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“Right From The Start”

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## Aluminum Oxide Grit (Standard) 500 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>	97.45 %	<b>CaO</b>	0.09 %
<b>TiO<sub>2</sub></b>	1.32 %	<b>MgO</b>	0.19 %
<b>SiO<sub>2</sub></b>	0.51 %	<b>Na<sub>2</sub>O</b>	0.05 %
<b>Fe<sub>2</sub>O<sub>3</sub></b>	0.33 %	<b>K<sub>2</sub>O</b>	0.06 %

### Particle Size Distribution

Size Distribution	Specification (microns) <sup>1</sup>		Result <sup>2</sup>
	Lower Limit	Upper Limit	
<b>Ds 3<sup>3</sup></b>	0.0	25.3	19.52
<b>Ds 50<sup>4</sup></b>	11.3	13.3	12.14
<b>Ds 94<sup>5</sup></b>	4.8	100.0	6.65

**Notes:**

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

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<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.