

# 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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## White Aluminum Oxide Grit #500 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> | 99.13 % | <b>CaO</b>             | 0.04 % |
| <b>TiO<sub>2</sub></b>             | 0.00 %  | <b>MgO</b>             | 0.03 % |
| <b>SiO<sub>2</sub></b>             | 0.01 %  | <b>Na<sub>2</sub>O</b> | 0.63 % |
| <b>Fe<sub>2</sub>O<sub>3</sub></b> | 0.16 %  | <b>K<sub>2</sub>O</b>  | 0.00 % |

### 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                                  | 25.3        | 23.6                |
| Ds 50 <sup>4</sup>       | 11.3                                 | 13.3        | 12.62               |
| Ds 94 <sup>5</sup>       | 4.8                                  | 100.0       | 11.66               |
| <b>B. Density (g/cc)</b> | 1.290                                | 1.390       | 1.295               |

#### Notes:

We also certify that the grain has passed all tests as outlined by the American National Standards Institute (B74-4-1992).

<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.