

# 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”**

---

## Silicon Carbide Grit 1000 Mesh

### Typical Physical Properties

<b>Color</b>	Black
<b>Grain Shape</b>	Angular
<b>Magnetic Content</b>	0.2 – 0.5 %
<b>Hardness</b>	9.5 Mohs
<b>Specific Gravity</b>	3.2

### Proximate Chemical Analysis

<b>SiC</b>	98.58 %	<b>Fe</b>	0.11 %
<b>C</b>	0.05 %	<b>Al</b>	0.02 %
<b>Si</b>	0.80 %	<b>CaO</b>	0.03 %
<b>SiO<sub>2</sub></b>	0.30 %	<b>MgO</b>	0.05 %

### 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	9.6	
<b>Ds 50<sup>4</sup></b>	3.7	5.3	
<b>Ds 94<sup>5</sup></b>	0.7	100.0	

**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.