

# Kramer Industries, Inc.

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“Right From The Start”

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## Silicon Carbide Grit #54 Mesh

### Typical Physical Properties

Color	Black
Grain Shape	Angular
Magnetic Content	0.2 – 0.5 %
Hardness	9.5 Mohs
Specific Gravity	3.2
Bulk Density	96 lbs / ft <sup>3</sup>

### Proximate Chemical Analysis

SiC	98.87 %	Fe	0.02 %
C	0.21 %	Al	0.03 %
Si	0.53 %	CaO	0.01 %
SiO <sub>2</sub>	0.26 %	MgO	0.02 %

### Particle Size Distribution

Screen Size	Size Grading Specification <sup>1</sup>		% Retention <sup>2</sup>
	Lower Limit	Upper Limit	
35	0.0 %	0.0 %	0.0 %
45	0.0 %	30.0 %	10.7 %
60	65.0 %	100%	82.7 %
70	0.0 %	100%	6.4 %
-70	0.0 %	3.0 %	0.3 %
50 (CONTROL <sup>3</sup> )	40.0 %	100 %	44.4 %

**Notes:**

Testing Method: FEPA Standards: 45-1986 and 42-1984

<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.