

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 #100 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	94 lbs / ft ³

Proximate Chemical Analysis

SiC	96.0 %	Fe	0.06 %
C	0.02 %	Al	0.01 %
Si	0.26 %	CaO	0.02 %
SiO₂	0.14 %	MgO	0.02 %

Particle Size Distribution

Screen Size	<i>Size Grading Specification¹</i>		% Retention²
	Lower Limit	Upper Limit	
70	0.0 %	0.0 %	0.0 %
100	0.0 %	20.0 %	2.8 %
140	65.0 %	100%	88.9 %
200	0.0 %	100%	8.1 %
-200	0.0 %	3.0 %	0.2 %
120 (CONTROL³)	40.0 %	100 %	57.3 %

Notes:

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

¹ Specification for percentage retained on each screen size for given grade of product.

² Results of a recent batch.

³ Control screen for quick confirmation of product grade.