

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 #80 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	95 lbs / ft ³

Proximate Chemical Analysis

SiC	98.87 %	Fe	0.02 %
C	0.21 %	Al	0.03 %
Si	0.53 %	CaO	0.01 %
SiO₂	0.26 %	MgO	0.02 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
50	0.0 %	0.0 %	0.0 %
70	0.0 %	25.0 %	13.2 %
100	65.0 %	100%	81.4 %
120	0.0 %	100%	5.0 %
-120	0.0 %	3.0 %	0.4 %
80 (CONTROL³)	40.0 %	100 %	47.0 %

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.