

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 600 Mesh

Typical Physical Properties

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

Proximate Chemical Analysis

SiC	98.58 %	Fe	0.11 %
C	0.05 %	Al	0.02 %
Si	0.80 %	CaO	0.03 %
SiO₂	0.30 %	MgO	0.05 %

Particle Size Distribution

Size Distribution	<i>Specification (microns)¹</i>		Result²
	Lower Limit	Upper Limit	
Ds 3³	0.0	19.0	17.2
Ds 50⁴	8.0	10.0	8.7
Ds 94⁵	2.8	100.0	4.2

Notes:

FEPA-42.GB.1984 R-1993 (Sedigraph)

¹ Results obtained using Sedigraph settling test.

² Results of a recent batch.

³ DS 3 result indicates that 3% of distribution is the result and larger.

⁴ DS 50 result is median of particle size distribution.

⁵ DS 94 result indicates that 94% of distribution is the result and larger.