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“Right From The Start”

Silicon Carbide Grit #40 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 ³

Proximate Chemical Analysis

SiC	99.0 %	Fe	0.06 %
C	0.03 %	Al	0.04 %
Si	0.60 %	CaO	0.01 %
SiO₂	0.20 %	MgO	0.02 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
25	0.0 %	0.0 %	0.0 %
35	0.0 %	25.0 %	11.5 %
45	65.0 %	100.0 %	36.5 %
50	65.0 %	100.0 %	5.9 %
-50	0.0 %	3.0%	0.1 %
40 (CONTROL³)	45.0 %	100 %	45.9 %

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.