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“Right From The Start”

Silicon Carbide Grit #30 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	98.92 %	Fe	0.04 %
C	0.14 %	Al	0.02 %
Si	0.55 %	CaO	0.01 %
SiO₂	0.18 %	MgO	0.02 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
18	0.0 %	0.0 %	0.0 %
25	0.0 %	25.0 %	8.4 %
35	65.0 %	100%	87.48 %
40	0.0 %	100%	3.68 %
-40	0.0 %	3.0 %	0.44 %
30 (CONTROL³)	45.0 %	100 %	54.92 %

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.