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“Right From The Start”

Silicon Carbide Grit #16 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	99.00 %	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	
10	0.0 %	0.0 %	0.0 %
14	0.0 %	20.0 %	14.0 %
+18	70.0 %	100%	87.5 %
20	0.0 %	100%	1.6 %
-20	0.0 %	3.0 %	0.1 %
16 (CONTROL³)	45.0 %	100 %	60.0 %
B. Density (g/cc)	1.470	1.570	1.500

Notes:

Testing Method: ANSI b74.12-2001

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.