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“Right From The Start”

Silicon Carbide Grit #180 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	89 lbs / ft ³

Proximate Chemical Analysis

SiC	96.0 %	Fe	0.06 %
C	0.02 %	Al	0.01 %
Si	0.26 %	CaO	0.02 %
SiO₂	0.14 %	MgO	0.02 %

Particle Size Distribution

Screen Size	<i>Size Grading Specification¹</i>		% Retention²
	Lower Limit	Upper Limit	
120	0.0 %	0.0 %	0.0 %
170	0.0 %	15.0 %	2.7 %
230	40.0 %	100%	67.3 %
270	65.0 %	100%	79.2 %
-270	0.0 %	100 %	18.2 %
200 (CONTROL³)	0.0 %	100 %	22.5 %

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.