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“Right From The Start”

Aluminum Oxide Grit #14 Mesh

Typical Physical Properties

Color	Dark Brown/Black
Grain Shape	Angular
Crystallinity	Coarse Crystal
Hardness	9 Mohs
Specific Gravity	3.94
Bulk Density	123 lbs / ft ³

Proximate Chemical Analysis

Al ₂ O ₃	95.47 %	CaO	0.30 %
TiO ₂	2.61 %	MgO	0.20 %
SiO ₂	1.00 %	Na ₂ O	0.02 %
Fe ₂ O ₃	0.22 %	K ₂ O	0.11 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
8	0.0 %	0.0 %	0.0 %
12	0.0 %	20.0 %	9.6 %
16	70.0 %	100%	90.0 %
18	0.0 %	100%	0.3 %
-18	0.0 %	3.0 %	0.0 %
14 (CONTROL ³)	45.0 %	100 %	77.5%

Notes:

ANSI Testing Methods: **Size Grading** B74-12-2001; **Bulk Density** B74-4-1992; **Magnetic Content** B74-19-2002
Specifications: MIL-A-21380; MIL-A-59316; ANSI B-74.12.1992

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.