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“Right From The Start”

Aluminum Oxide Grit #40 Mesh

Typical Physical Properties

Color	Dark Brown/Black
Grain Shape	Angular
Crystallinity	Coarse Crystal
Hardness	9 Mohs
Specific Gravity	3.94
Bulk Density	117 lbs / ft ³

Proximate Chemical Analysis

Al ₂ O ₃	94.6 %	CaO	0.08 %
TiO ₂	2.9 %	MgO	0.28 %
SiO ₂	0.75 %	Na ₂ O	0.08 %
Fe ₂ O ₃	0.18 %	K ₂ O	0.08 %

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 %	24.6 %
+45	65.0 %	100%	68.9 %
50	0.0 %	100%	3.8 %
-50	0.0 %	3.0 %	2.7 %
40 (CONTROL³)	45.0 %	100 %	47.6 %

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.