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“Right From The Start”

White Aluminum Oxide Grit #12 Mesh

Typical Physical Properties

Color	White
Grain Shape	Angular
Crystallinity	Coarse Crystal
Hardness	9 Mohs
Specific Gravity	3.8
Bulk Density	106 lbs / ft ³

Proximate Chemical Analysis

Al ₂ O ₃	99.4806 %	CaO	0.0528 %
TiO ₂	0.0061 %	MgO	0.0078 %
SiO ₂	0.0378 %	Na ₂ O	0.3650 %
Fe ₂ O ₃	0.0422 %	K ₂ O	0.0078 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
7	0.0 %	0.0 %	0.0 %
10	0.0 %	20.0 %	10.0 %
14	70.0 %	100%	78.6 %
16	0.0 %	100%	9.5 %
-16	0.0 %	3.0 %	1.5%
12 (<i>CONTROL</i> ³)	45.0 %	100 %	53.7 %
Bulk Density (g/cc)	1.75	1.85	1.79

Notes:

ANSI Testing Methods: **Size Grading** B74-12-2001; **Bulk Density** B74-4-1997

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.