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“Right From The Start”

White Aluminum Oxide Grit #54 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	99.5357 %	CaO	0.0489 %
TiO ₂	0.0061 %	MgO	0.0086%
SiO ₂	0.0282 %	Na ₂ O	0.3193 %
Fe ₂ O ₃	0.0436 %	K ₂ O	0.0096 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
35	0.0 %	0.0 %	0.0 %
45	0.0 %	25.0 %	19.5 %
60	65.0 %	100%	78.6 %
70	0.0 %	100%	1.7 %
-70	0.0 %	3.0 %	0.2 %
50 (CONTROL ³)	40.0 %	100 %	61.0 %

Notes:

ANSI Testing Methods: **Size Grading** ANSI-74.12.2001; **Bulk Density** ANSI-B.74.4.1997

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.