

Kramer Industries, Inc.

140 Ethel Road West
Unit U
Piscataway, NJ 08854

phone: 888-515-9443
fax: 732-650-0556
www.KramerIndustriesOnline.com

“Right From The Start”

Aluminum Oxide Grit #90 Mesh

Typical Physical Properties

Color	Dark Brown/Black
Grain Shape	Angular
Crystallinity	Coarse Crystal
Hardness	9 Mohs
Specific Gravity	3.94
Bulk Density	106 lbs / ft ³

Proximate Chemical Analysis

Al ₂ O ₃	95.73 %	CaO	0.08 %
TiO ₂	2.76 %	MgO	0.27 %
SiO ₂	0.88 %	Na ₂ O	0.05 %
Fe ₂ O ₃	0.16 %	K ₂ O	0.07 %

Particle Size Distribution

Screen Size	Size Grading Specification ¹		% Retention ²
	Lower Limit	Upper Limit	
60	0.0 %	0.0 %	0.0 %
80	0.0 %	20.0 %	7.0 %
+120	65.0 %	100 %	72.0 %
140	0.0 %	100 %	18.0 %
-140	0.0 %	3.0 %	3.0 %
100 (CONTROL ³)	40.0 %	100 %	40.0 %

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.