



CUSTOM GRINDERS SALES, INCORPORATED

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COARSE GRIND SERIES

Custom Grinders coarse grind series alumina trihydrate is widely used in FRP applications where surface finish is not critical. Coarse grind products are also used in latex compounding. The reduced surface area allows maximum loading while maintaining acceptable viscosity ranges. Lower resin demand results in improved wet-out and roll-out properties. These products offer excellent flame retardance and smoke suppression, accompanied by improved economics of resin extension. Coarse grind series products are tightly controlled by Custom Grinders Sales quality assurance program.

TYPICAL PHYSICAL PROPERTIES

Polyfill 110

Average Particle Size (Microns)	15-17
Retained on 325 Mesh (%)	20
Retained on 200 Mesh (%)	3.9
Retained on 100 Mesh (%)	0.1
Oil Absorption (mil/100g)	29
Specific Gravity	2.42
Bulk Density, Loose (lb/ft ³)	56
Bulk Factor (gal/lb)	.0495
Free Moisture (%)	.30
GE Brightness	90

TYPICAL CHEMICAL COMPOSITION

Aluminum Oxide (Al ₂ O ₃)	64.900
Silica (SiO ₂)	00.010
Ferric Oxide (Fe ₂ O ₃)	00.009
Soluble Soda (Na ₂ O)	00.010
Total Soda	00.250
Loss on ignition (H ₂ O)	34.600

Packaging is available in 50 pound bags and 2000 pound semi-bulk bags.

Statement - Information given is based on data which are believed to be reliable. Custom Grinders cannot assume responsibility for any risks or liabilities which may arise from use of its products. No patent liability is assumed to any method, use or formulas. Data subject to change.
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