



CUSTOM GRINDERS SALES, INCORPORATED

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INTERMEDIATE GRIND SERIES

Custom Grinders intermediate grind series alumina trihydrate is widely used in reinforced FRP applications. By closely controlling the top size and by reducing super fine fraction, Custom Grinders is able to offer an optimum product for the spray-up processor. These products allow optimization of viscosity, thix index, sprayability, roll-out, wet-out and resin extension. All this while meeting the necessary standards for flume spread and smoke generation. Intermediate grind series products are tightly controlled by Custom Grinders Sales quality assurance program.

TYPICAL PHYSICAL PROPERTIES

	Polyfill 203	Polyfill 204
Average Particle Size (Microns)	12-14	14-16
Retained on 325 Mesh (%)	6.0	8.0
Retained on 200 Mesh (%)	0.4	0.5
Retained on 100 Mesh (%)	0.0	0.0
Oil Absorption (mil/100g)	26	30
Specific Gravity	2.42	2.42
Bulk Density, Loose (lb/ft ³)	49	51
Bulk Factor (gal/lb)	.0495	.0495
Free Moisture (%)	.30	.30
GE Brightness	91	91

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.
11/03