



CUSTOM GRINDERS SALES, INCORPORATED

Post Office Box 1446 Chatsworth, Georgia 30705
Telephone 706-695-4613 Facsimile 706-695-6706

MEDIUM GRIND SERIES

Custom Grinders medium grind series are a closely controlled, dry ground alumina trihydrate product. Medium grind series products are used extensively in SMC, BMC and other thermoset plastic applications. They are also used extensively in rubber and adhesive products. The medium grind products have increased surface area for improved flow and surface finish properties. Medium grind series products are tightly controlled by Custom Grinders Sales quality assurance program.

TYPICAL PHYSICAL PROPERTIES

	Polyfill 301	Polyfill 302
Average Particle Size (Microns)	9-11	11-13
Retained on 325 Mesh (%)	0.5	2.0
Retained on 200 Mesh (%)	0.0	0.1
Retained on 100 Mesh (%)	0.0	0.0
Oil Absorption (mil/100g)	28	33
Specific Gravity	2.42	2.42
Bulk Density, Loose (lb/ft ³)	43	45
Bulk Factor (gal/lb)	.0495	.0495
Free Moisture (%)	.30	.30
GE Brightness	92	92

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