



# CUSTOM GRINDERS SALES, INCORPORATED

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## FINE GRIND SERIES

Custom Grinders fine grind series are a highly classified, dry ground alumina trihydrate product. Fine grind series products are used extensively in rubber, thermoset plastic, thermoplastic and vinyl applications where optimum physical properties and surface finish qualities are critical. Fine grind series products are tightly controlled by Custom Grinders Sales quality assurance program. Custom surface modifying is available on all products.

## TYPICAL PHYSICAL PROPERTIES

### Polyfill 402

Average Particle Size (Microns)	2.5-3.5
Retained on 325 Mesh (%)	0.0
Retained on 200 Mesh (%)	0.0
Retained on 100 Mesh (%)	0.0
Oil Absorption (mil/100g)	49
Specific Gravity	2.42
Bulk Density, Loose (lb/ft <sup>3</sup> )	38
Bulk Factor (gal/lb)	.0495
Free Moisture (%)	.30
GE Brightness	92

## TYPICAL CHEMICAL COMPOSITION

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

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

Statement - This information was based on tests conducted by Custom Grinders Sales, Inc. We believe this information to be reliable, but do not guarantee its accuracy, nor assume any liability arising out of its use. Our recommendations should not be taken as inducement to infringe any patent or violate any law, safety code or insurance regulation. Data subject to change. 11/03