



CUSTOM GRINDERS SALES, INCORPORATED

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POLYFILL 407

Custom Grinders Polyfill 407 alumina trihydrate product is specially made for SMC and BMC applications. Thru particle size distribution control, molders are able to achieve high loadings levels with superior physical properties. The top side is controlled which increases process and quality control. The increased surface area allows molders to achieve high surface finish qualities, while particle distribution control allows maximum loadings. Polyfill 407 offer excellent flame retardance and smoke suppression. Polyfill 407 is tightly controlled by Custom Grinders Sales quality assurance program.

TYPICAL PHYSICAL PROPERTIES

Polyfill 407

Average Particle Size (Microns)	6-8
Retained on 325 Mesh (%)	0.0
Retained on 200 Mesh (%)	0.0
Retained on 100 Mesh (%)	0.0
Oil Absorption (mil/100g)	31
Specific Gravity	2.42
Bulk Density, Loose (lb/ft ³)	42
Bulk Factor (gal/lb)	.0495
Free Moisture (%)	.30
GE Brightness	93

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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