



CUSTOM GRINDERS SALES, INCORPORATED

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Polyfill 130

Custom Grinders Polyfill 130 alumina trihydrate product is widely used in latex compounding and thermoset plastics. The reduced surface area allows maximum loading while maintaining acceptable viscosity ranges. Polyfill 130 gives good bond adhesion and improved processability. Polyfill 130 offers excellent flame retardance and smoke suppression, accompanied by improved economics of latex extension or lower resin demand. Polyfill 130 is tightly controlled by Custom Grinders Sales quality assurance program.

TYPICAL PHYSICAL PROPERTIES

Average Particle Size (Microns)	18-22
Retained on 325 Mesh (%)	30.0
Retained on 200 Mesh (%)	9.4
Retained on 100 Mesh (%)	0.5
Oil Absorption (mil/100g)	28
Specific Gravity	2.42
Bulk Density, Loose (LB/Ft ³)	80
Bulk Factor (Gal/LB)	.0495
Free Moisture (%)	.30 max.
GE Brightness	90

TYPICAL CHEMICAL PROPERTIES

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)	00.007
Loss on Ignition (H ₂ O)	34.600

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 recommendation 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.