



POLYFILL, POLYJET CARPET GRADES

Alumina Trihydrate and Surface Modified Alumina Trihydrate Products.

Alumina trihydrate is the leading flame retardant and smoke suppressant product used in a wide range of industrial applications.

TYPICAL PHYSICAL PROPERTIES

Product Name	CG -60	P-130A	RA-18
Median Particle Size (Microns)	20	27	18
Retained on 325 Mesh (%)	30	35	20
Retained on 200 Mesh (%)	6	14	1.8
Retained on 100 Mesh (%)	0.0	trace	0.0
Specific Gravity	2.42	2.42	2.42
Bulk Density (lb./ft ³)	61	63	60
Bulk Factor (gal/lb.)	.0495	.0495	.0495
Free Moisture Max.	.60	.60	.60
Hunter "L" Brightness*	96	95	96

CUSTOM PARTICLE SIZING AND MODIFICATIONS AVAILABLE

*Performed on HunterLab UltraScan Pro unit



TYPICAL CHEMICAL PROPERTIES

Product Name	CG-60	P130A	RA-18
Aluminum Oxide (Al ₂ O ₃)	64.900	64.900	64.900
Silica (SiO ₂)	00.010	00.010	00.010
Ferric Oxide (Fe ₂ O ₃)	00.009	00.009	00.009
Soluble Soda (Na ₂ O) Max.	00.050	00.050	00.050
Total Soda Max.	00.300	00.300	00.300
Loss on Ignition (H ₂ O)	34.600	34.600	34.600

INDUSTRY/MARKET

1. CARPET BACKING/LATEX COMPOUNDING
2. CERAMICS
3. FLOORING



Because the conditions of use of this product are beyond seller's control the product is sold without warranty either express or implied and upon condition that the purchaser make its own tests to determine the suitability for purchaser's applications. Purchaser assumes all risk of use and handling of this product. This product will be replaced if defective in manufacture or packaging or if damaged, except for such replacement, seller is not liable for any damages caused by this product or its use. Any data and any statements and recommendations presented herein are believed to be accurate but no guarantee of their accuracy is made. **Rev.2 (02/17/21) MLC**