



## 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 (%)	14	37	21
Retained on 200 Mesh (%)	0.0	0.0	0.0
Retained on 100 Mesh (%)	0.0	0.0	0.0
Specific Gravity	2.42	2.42	2.42
Bulk Density (lb/ft <sup>3</sup> )	.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 <sub>2</sub> O <sub>3</sub> )	64.900	64.900	64.900
Silica (SiO <sub>2</sub> )	00.010	00.010	00.010
Ferric Oxide (Fe <sub>2</sub> O <sub>3</sub> )	00.009	00.009	00.009
Soluble Soda (Na <sub>2</sub> O) Max.	00.050	00.050	00.050
Total Soda Max.	00.300	00.300	00.300
Loss on Ignition (H <sub>2</sub> O)	34.600	34.600	34.600

### INDUSTRY/MARKET

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



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