

HALTEX®

Product Data Sheet
Alumina Trihydrate $Al(OH)_3$
CAS #: 21645-51-2
HALTEX® Grades 302, 304, 310 and 315
Smoke Suppressant/Flame Retardant

PHYSICAL PROPERTIES (Typical)

	<u>302</u>	<u>304</u>	<u>310</u>	<u>315</u>
Brightness	92	91	91	92
+325 Mesh Residue, %	0.008	0.001	0.15	6
Specific Gravity	2.42	2.42	2.42	2.42
Bulk Density, Loose (lbs./ft ³)	30	37	50	55
Bulk Density, Packed (lbs./ft. ³)	50	55	70	76
Oil Absorption	30 - 34	27	19	17
Median Particle Diameter, Microns	2.10	4	10	15
pH Value	7.5	7.5	7.5	7.5

CHEMICAL COMPOSITION (Typical)

Al_2O_3 , %	65.00
Na_2O , %	0.30
Na_2O Soluble, %	0.02
SiO_2 , %	0.005 - 0.02
Fe_2O_3 , %	0.009 - 0.02
NaOH Insoluble, %	0.02
H_2SO_4 Insoluble, %	0.02
Loss on Ignition 1,000° C, %	~33.8
Free Moisture 110° C, %	0.25

PACKAGING

HALTEX alumina trihydrates are available in 50 lb. (22.7 KG) multi-wall paper bags. There are 50 bags (2,500 lbs.) per pallet. All pallets are stretch-wrapped prior to shipment. Special packaging available upon request.

Alumina Trihydrate is not regulated as a hazardous material by the Department of Transportation.

The information herein is believed to be correct and reliable. However, no warranty is expressed or implied regarding the accuracy of these data, and none is made as to the marketability of the material or its fitness for any purpose. The consumer accepts the responsibility of the conditions for liability of use of the products.

TOR Minerals International
722 Burlson Street, Corpus Christi, Texas 78402
Telephone: 361/883-5591, Facsimile: 361/882-6948
Web Site: www.torminerals.com, E-Mail: sales@torminerals.com

HALTEX PDS All Grades
Form # HAL001
January 2006 DAB

