



ALUMINA TRIHYDRATE – DRY HYDRATE

Sales Specification

<u>Chemical Property</u>	<u>Typical</u>	<u>Sales Specification</u>
* Al ₂ O ₃ , wt/wt %	64.5 – 65.0	64.0 – 65.5
* CaO, wt/wt %	0.007	0.13 max
* SiO ₂ , wt/wt %	0.007 – 0.012	0.015 max
* Fe ₂ O ₃ , wt/wt %	0.008 – 0.013	0.02 max
* Na ₂ O, wt/wt %	0.24 – 0.30	0.4 max
* TiO ₂ , by wt/wt %	0.002 – 0.003	0.01 max
* Acid Insoluble, wt/wt %	0.03 – 0.09	0.15 max
* Moisture, % @ 105 °C	0.08 – 0.10	0.2 max

Physical Property

Loose Bulk Density, lb/ft ³	60 – 70	
Particle Size, cumulative		
* +100 mesh, %	10 – 20	20 max
* +200 mesh, %	69 – 83	60 min
* +325 mesh, %	92 – 97	85 min
* - 325 mesh, %	< 5	12 max

*Certificate of Analysis Properties

Alumina Trihydrate – Dry Hydrate is a course, off-white, hydrated alumina (dry flowable powder).

Southern Ionics may accommodate other customer needs upon request.

For information on safety and handling, consult the Safety Data Sheet (SDS) for Alumina Trihydrate – Dry Hydrate available at www.southernionics.com or by contacting Southern Ionics Customer Service at 1-800-953-3585.



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To Place an Order or For Inquiries:
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