



HALTEX[®] 302 • 304 • 310 • 315

Alumina Trihydrate

	302	304	310	315
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CHEMICAL ANALYSIS (TYPICAL)

Al(OH) ₃ content, %	99	99	99	99
Na ₂ O (total), %	0.30	0.30	0.30	0.30
Na ₂ O Soluble, %	0.02	0.02	0.02	0.02
SiO ₂ , %	0.005 – 0.02	0.005 – 0.02	0.005 – 0.02	0.005 – 0.02
Fe ₂ O ₃ , %	0.009 – 0.02	0.009 – 0.02	0.009 – 0.02	0.009 – 0.02
NaOH Insoluble, %	0.02	0.02	0.02	0.02
H ₂ SO ₄ Insoluble, %	0.02	0.02	0.02	0.02
Loss on Ignition (LOI)(1,000° C), %	~ 33.8	~ 33.8	~ 34.5	~ 34.5
Free Moisture 110° C, %	0.25	0.25	0.25	0.25

PHYSICAL ANALYSIS (TYPICAL)

Median Particle Size, (µm)	2	4	10	15
Sieve Residue >45 µm (+325 mesh), %	0.01	0.01	0.15	15
Brightness, L	92	91	91	91
Specific Gravity, g/cm ³	2.42	2.42	2.42	2.42
Oil Absorption, mL/100g	32	27	19	17
Bulk Density, Loose (lbs./ft ³)	30	37	50	55
Bulk Density, Packed (lbs./ft ³)	50	55	70	76
pH Value	8	8	8	8

The information herein is believed to be correct and reliable; however, no warranty is given concerning the accuracy of these data, merchantability or fitness for a particular use.