

ALUPREM[®]
TG-7 MES • TG-12 MES • TG-20 MES • TG-25 MES • TG-35 MES
Specialty Ultra-White Aluminum Hydroxide

TG-7 MES TG-12 MES TG-20 MES TG-25 MES TG-35 MES

CHEMICAL ANALYSIS (TYPICAL)

Al(OH) ₃ content, %		99.5	99.5	99.5	99.5	99.5
Na ₂ O, %		< 0.15	< 0.15	< 0.15	< 0.15	< 0.15
	Max, %	0.3	0.3	0.3	0.3	0.3
SiO ₂ , %		0.02	0.02	0.02	0.02	0.02
Fe ₂ O ₃ , %		0.01	0.01	0.01	0.01	0.01
Moisture Content (105° C), %		0.05	0.05	0.05	0.05	0.05
	Max, %	0.3	0.3	0.3	0.3	0.3
Loss on Ignition (LOI) (1200° C), %		34.5	34.5	34.5	34.5	34.5

PHYSICAL PROPERTIES (TYPICAL)

Whiteness	R 457	96	96	96	96	96
	Min	95	95	95	95	95
Particle Size (laser, Sympatec) - d ₅₀ , (µm)		7	12	20	25	35
Specific Density (g/cm ³)		2.4	2.4	2.4	2.4	2.4
Bulk Density (kg/m ³)		950	1000	1050	1100	1100

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.