

# ALUPREM<sup>®</sup>

## TG-20 • TG-12 • TG-10 • TG-7

### Ultra-White Aluminum Hydroxide

	TG-20	TG-12	TG-10	TG-7
<b>CHEMICAL ANALYSIS(Typical)</b>				
Al(OH) <sub>3</sub> content, %	99.6	99.6	99.6	99.6
Na <sub>2</sub> O , %	< 0.1	< 0.1	< 0.1	< 0.1
Max , %	0.3	0.3	0.3	0.3
SiO <sub>2</sub> , %	0.02	0.02	0.02	0.02
Fe <sub>2</sub> O <sub>3</sub> , %	0.01	0.01	0.01	0.01
Moisture Content (105° C), %	0.1	0.1	0.1	0.1
Max, %	0.3	0.3	0.3	0.3
Loss on Ignition (LOI) (1200° C), %	34.5	34.5	34.5	34.5
<b>PHYSICAL PROPERTIES (Typical)</b>				
Whiteness R 457	95	96	96	97
Min	94	95	95	96
Average Particle Size d <sub>50</sub> (µm)	20	12	10	7
Specific Density (g/cm <sup>3</sup> )	2.4	2.4	2.4	2.4
Bulk Density (kg/m <sup>3</sup> )	800	800	750	700

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.