

## GMA Unground Calcined Aluminas

Almatris GMA is an unground calcined alumina designed for melt (or dissolution) applications. They are high purity products at greater than 99%  $\text{Al}_2\text{O}_3$  on an oxide basis. All are fully calcined materials with low levels for percent LOI (Loss On Ignition) when heated to 1100° C. Oversize particles are removed by carefully screening the alumina after calcination. GMA has minimal contamination with metallic elements.

Chemical Composition		GMA 30 NS		GMA 25 NS		GMA 20 NS	
	Unit	Min.	Max.	Min.	Max.	Min.	Max.
$\text{Al}_2\text{O}_3$ by difference	[%]	98.6				98.6	
$\text{Na}_2\text{O}$	[%]		0.60		0.45		0.60
$\text{Fe}_2\text{O}_3$	[%]		0.04		0.04		0.03
$\text{SiO}_2$	[%]		0.10		0.07		0.10
$\text{B}_2\text{O}_3$	[%]						0.06
Fe Magnetic	[%]		0.003		0.003		0.003
Moisture	[%]		0.5		0.5		0.5
LOI, Room Temperature to 1100°C	[%]		1.5		1.5		1.5
+20M* / 0.850mm	[%]		0.00				
+28M* / 0.600mm	[%]				0.00		
+35M* / 0.425mm	[%]		0.05		0.05		
+60M* / 0.250mm	[%]						0
+100M* / 0.150mm	[%]		15		15		15
+250M* / 0.063mm	[%]					50	95
+325M* / 0.045mm	[%]	70				80	
<325M* / 0.045mm	[%]		30		25		

The Min/Max represent provisional Almatris product specifications.

All data are based upon Almatris standard test methods. All test methods are available upon request.

Other sizes are available upon request.

\* Tyler Mesh

### Standard Packaging

- Bulk truck
- Bulk rail car

Contact for sales, technical information and application assistance

#### Head Office

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**SDS 340**