

GMA Unground Calcined Aluminas

Almatis GMA is an unground calcined alumina designed for melt (or dissolution) applications. They are high purity products at greater than 99% Al₂O₃ 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	Unit	GMA 30 NS		GMA 25 NS		GMA 20 NS	
		Min.	Max.	Min.	Max.	Min.	Max.
Al ₂ O ₃ by difference	[%]	98.6				98.6	
Na ₂ O	[%]		0.60		0.45		0.60
Fe ₂ O ₃	[%]		0.04		0.04		0.03
SiO ₂	[%]		0.10		0.07		0.10
B ₂ O ₃	[%]						0.06
Fe Magnetic	[%]		0.003		0.003		0.003
Moisture							
Moisture	[%]		0.5		0.5		0.5
LOI, Room Temperature to 1100°C							
LOI, Room Temperature to 1100°C	[%]		1.5		1.5		1.5
Particle Size Distribution							
+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 Almatis product specifications.

All data are based upon Almatis 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

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