

Tabular Alumina T60/T64

XLS

Product Description

Almatis Tabular Alumina T60/T64 is a pure, sintered α -alumina material that has been densified by rapid sintering at temperatures in excess of 1800°C. Tabular Alumina has characteristic large, well-developed, hexagonal, tablet-shaped alumina crystals. Tabular Alumina has extremely high refractoriness, high mechanical strength and abrasion resistance, very good chemical purity, excellent dielectric properties and good resistance against acid and alkali corrosion.



Product Applications

Almatis Low Soda Tabular Aluminas combine the properties of standard Tabular Alumina together with a low alkali content to provide a product with higher chemical inertness and longer slurry life in investment casting applications.

Product	Unit	0.5 - 1 mm (14-28 mesh)			0.2 - 0.6 mm (28-48 mesh)		
		Typical	Min.	Max.	Typical	Min.	Max.
Al ₂ O ₃	[%]	99.5			99.5		
Na ₂ O	[%]			0.05			0.05
Fe Magnetic	[%]			0.02			0.02
DIN¹⁾							
+1.4 mm	[%]	1	0	2			
+1.0 mm	[%]	19					
+0.71 mm	[%]	50			1	0	2
+0.5 mm	[%]				11		
-0.5 mm	[%]	4	0	10			
+0.25 mm	[%]				81		
-0.212 mm	[%]				3	0	7

Chemistry for all products is assured through process control and verification of incoming alumina chemistry. Each product is certified to conform to the chemistry specifications listed, thus each product lot is not tested.

Typical product properties are based upon the actual averages from product data. The Min/Max data show our standard product specification data for these products.

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

1) Sieve analysis as per DIN/ISO 3310/1

Standard Packaging

- 40 x 25 kg bags
- 2000 lb supersacks

Contact for sales, technical information and application assistance

Head Office
Almatis GmbH
Lyoner Straße 9
60528 Frankfurt/Germany

info@almatis.com
www.almatis.com

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