

Tabular Alumina T60/T64

XLS 3 - 6 mm

Product Description

Almatris 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

Impurity and slag removal is a critical part of the aluminum process. Filter beds filled using tabular alumina products are an excellent choice to achieve necessary quality requirements while maintaining high throughput rates during production. XLS tabular alumina offers the advantage of reduced soda impurity content vs. conventional tabular alumina.

Chemical Composition	Unit	Typical	Min	Max
Al ₂ O ₃	[%]	99.5		
Na ₂ O	[%]			0.05
Fe Magnetic	[%]			0.02
DIN ¹⁾				
+6.3 mm	[%]			4
+5.0 mm	[%]	32		
+4.0 mm	[%]	36		
+3.35 mm	[%]	17		
-2.0 mm	[%]			3

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

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

Product is also available in a washed form to remove dust.

Standard Packaging

2000 and 4000 lb supersacks

Contact for sales, technical information and application assistance

Head Office
Almatris GmbH
Lyoner Straße 9
60528 Frankfurt/Germany

info@almatris.com
www.almatris.com

SDS 154