



Tabular Alumina T60/T64

-325 Mesh LI CR

Product Characteristics

Almatis Tabular Alumina T60/T64 is a pure sintered α -alumina material that has been fully densified by rapid sintering at temperatures in excess of 1800°C. Tabular Alumina has characteristic large, well developed hexagonal tablet shaped alumina crystals of up to 200 μ m length. 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.

Chemical Composition ¹		Typical	Min	Max
Al ₂ O ₃	[%]	99.5		
Na ₂ O	[%]			0.40
SiO ₂	[%]			0.09
Fe magnetic	[%]	0.006		0.010
Particle Size Distribution				
+ 150 mesh	[%]	0.03		0.05
+ 0.063 mm	[%]	0.1		1.0
- 0.045 mm	[%]	99.2	98.5	

All data are based upon Almatis standard test methods.

(1) Chemistry for this product is assured through process control and verification of incoming alumina chemistry. Although each finished lot is not tested, the product is certified to conform to the chemistry specifications listed.



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Product Applications

Almatis -325 LI CR combines the standard properties of tabular alumina with reduced magnetic iron content along with tight oversize specification. Steps are taken to remove magnetic iron & coarse particles which can lead to poor product performance. The most common applications are for abrasion and functional filler / epoxy-resin systems. The increased alumina quality can provide greater constancy in formulation and product properties.

Packaging available

50 lb. paper bags – 70 per pallet



Contacts for sales, technical information and application assistance



ALMATIS

PREMIUM ALUMINA

Almatis GmbH
Lyoner Strasse 9
60528 Frankfurt/Germany

Phone +49 69 957 341 0
Fax +49 69 957 341 13

info@almatis.com
www.almatis.com

Almatis, Inc.

501 West Park Road
Leetsdale, PA 15056, USA

General Phone + 800 643 8771
Phone +1 412 630 2800
Fax +1 412 630 2900

SDS 154