

**Calcined Alumina**  
**LISAL™***Product Information***1 Description**

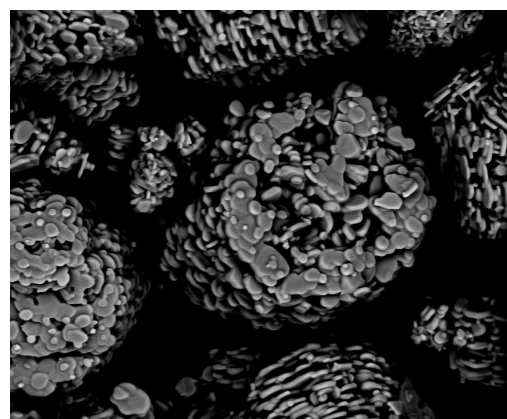
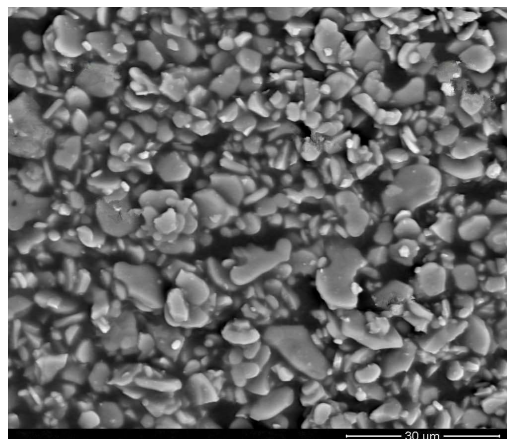
LISAL™ is made from industrial alumina that is calcined under an appropriate temperature. Our flexible production process allows us to expand a large portfolio including different sizes and chemical contents products.

LISAL™ as a kind of raw material has stable crystal, high purity, high electrical resistivity and heat conduction, good filling performance.

LISAL™ as a refractory matrix improves the performance of fire resistance, abrasion resistance, thermal shock resistance, mechanical strength.

**2 Application**

LISAL™ is widely used in refractory castables, nozzles, corundum bricks, gunning mixes, spark plug, electrical components, ceramics etc.

**3 Product Picture****4 Packaging and Storage**

Convenient packages of 25kg paper/plastic woven bag as well as 1mt bulk bag are available. Other customized packages are provided upon request.

For best product performance and longer shelf life, re-packing is not recommended.

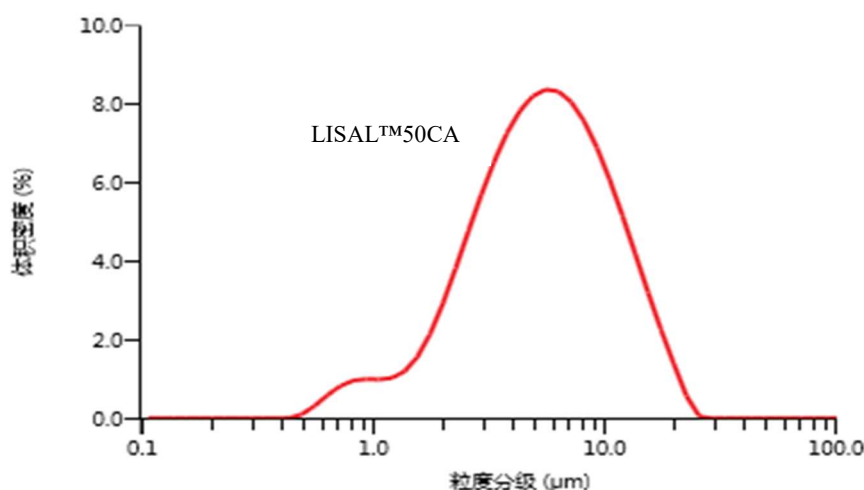
## 5 Chemical & Physical Properties

Item		LISAL40CA	LISAL50CA	LISAL30CA	LISAL30CAL	LISAL40CAL	LISAL™50CAL
Chemical Properties*		Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value
Al <sub>2</sub> O <sub>3</sub>	[%]	99.3	99.3	99.3	99.6	99.6	99.6
Na <sub>2</sub> O	[%]	0.25	0.25	0.25	0.07	0.06	0.06
SiO <sub>2</sub>	[%]	0.04	0.04	0.04	0.04	0.04	0.04
Fe <sub>2</sub> O <sub>3</sub>	[%]	0.02	0.02	0.02	0.02	0.02	0.02
Physical Properties**		Typical Value	Typical Value	Typical Value	Typical Value	Typical Value	Typical Value
D50	[um]	4.51	5.37	3.76	3.76	4.51	5.37
BET	[m <sup>2</sup> /g]	0.9	0.8	1.1	1.1	0.9	0.8

\*: Chemical test is based on X-Ray Fluorescence from Thermal Science

\*\*: Physical test is based on Mastersizer 3000

\*\*\*: BET test is based on Micromeritics Gemini VII 2390



The above mentioned data represent standard values obtained from our current production line. Guarantees with respect of these data are only valid if agreed upon in writing. We reserve the right to make alterations due to technical developments.

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Certification



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Shipping



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Contacts for Sales, Technical Service

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