



Desert Silicon LLC  
 10720 W. Indian School Road  
 Suite 19-126, Phx AZ 85037 USA  
<http://www.desertsilicon.com/>

## Spin-on Glass Al<sub>2</sub>O<sub>3</sub>-200

<b>Elements of Interest</b>		
Al/O		
<b>Viscosity</b> 1.5 +/- 0.15 cps	Coats 2000Å (200 nm) at 2000 rpm Refractive Index 1.75	<b>Shelf Life</b> 20°C 3 months 4°C 9 months

### Benefits

- Simple method to deposit Al<sub>2</sub>O<sub>3</sub> layer
- Low temperature approach to Al<sub>2</sub>O<sub>3</sub> layer formation
- Lower Maintenance And Cost Of Ownership
- High purity materials
- Uniform Coatings
- Basic composition that other elements can be easily added to.
- Stable Processing Independent Of Flow Rates

### Typical Application

This is a liquid alumina spin on product that can be used in the manufacture of optical and semiconductor devices. When baked at 250°C it gives a low density film that continues to become increasingly dense as bakes continue to 600°C or higher. We recommend baking at least as the highest temperature in the process.

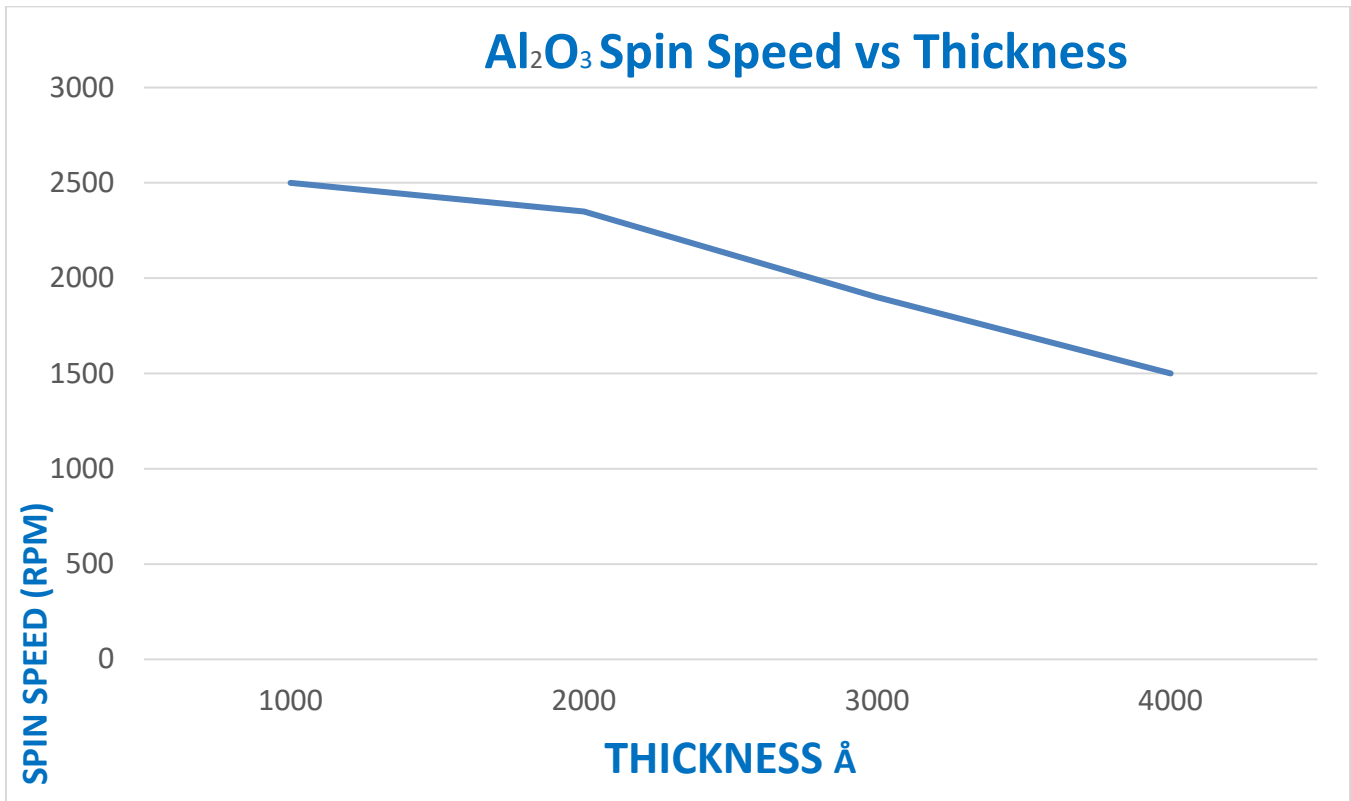
### Packaging

- 240ml
- 500ml
- 1 l
- 2.5 l
- 4 l

DESERT SILICON, LLC.  
 PHONE: (623) 872-8659

10520 W INDIAN SCHOOL ROAD,  
 STE 19#126  
 EMAIL: [INFO@DESERTSILICON.COM](mailto:INFO@DESERTSILICON.COM)

PHOENIX, ARIZONA 85037  
 WEBSITE:  
[WWW.DESERTSILICON.COM](http://WWW.DESERTSILICON.COM)



Although all statement and information presented in this document are believed to be accurate and reliable, they are presented without warranty or guarantee of any kind, expressed or implied. Information presented does not relieve the end user from carrying out their own tests to determine suitability for use in their application. User assumes all risk and liability for use product or information and results obtained. Suggestions for use of material and processes are made without representation or warranty that any such is free from patent infringement and are not recommendations for patent infringement. Please see MSDS for information regarding health and safety of material use.

DESERT SILICON, LLC.  
PHONE: (623) 872-8659

10520 W INDIAN SCHOOL ROAD,  
STE 19#126  
EMAIL: [INFO@DESERTSILICON.COM](mailto:INFO@DESERTSILICON.COM)

PHOENIX, ARIZONA 85037  
WEBSITE:  
[WWW.DESERTSILICON.COM](http://WWW.DESERTSILICON.COM)