

## Spin-on Glass Nd-350

<b>Elements of Interest</b> Si, O, Nd	<b>Key Element atoms/cm<sup>3</sup></b> Nd, 4E+21	<b>Key Element % in Film</b> Neodymium
<b>Viscosity, n (635nm)</b> 0.9 cps, 1.5	<b>Thickness</b> Coats 190 nm at 3000 rpm	<b>Shelf Life</b> 20°C 3 months 4°C 9 months

### Benefits

- Heavy Neodymium doping level
- Uniform Coatings
- High purity materials
- Lower melting point than silica alone
- Stable processing independent of flow rates
- Available with impurity specification of less than 1 ppm or less than 50 ppb.

### Typical Application

This is a standard silicate neodymium doped glass. It begins curing at about 200°C to give a less dense but solid film. It continues to become increasingly stronger as bakes continue to 650°C or higher. We recommend baking at the highest temperature the material will see in any post processing if the material is to remain with the part. For doping applications the glass is often removed after drive in.

#### Packaging

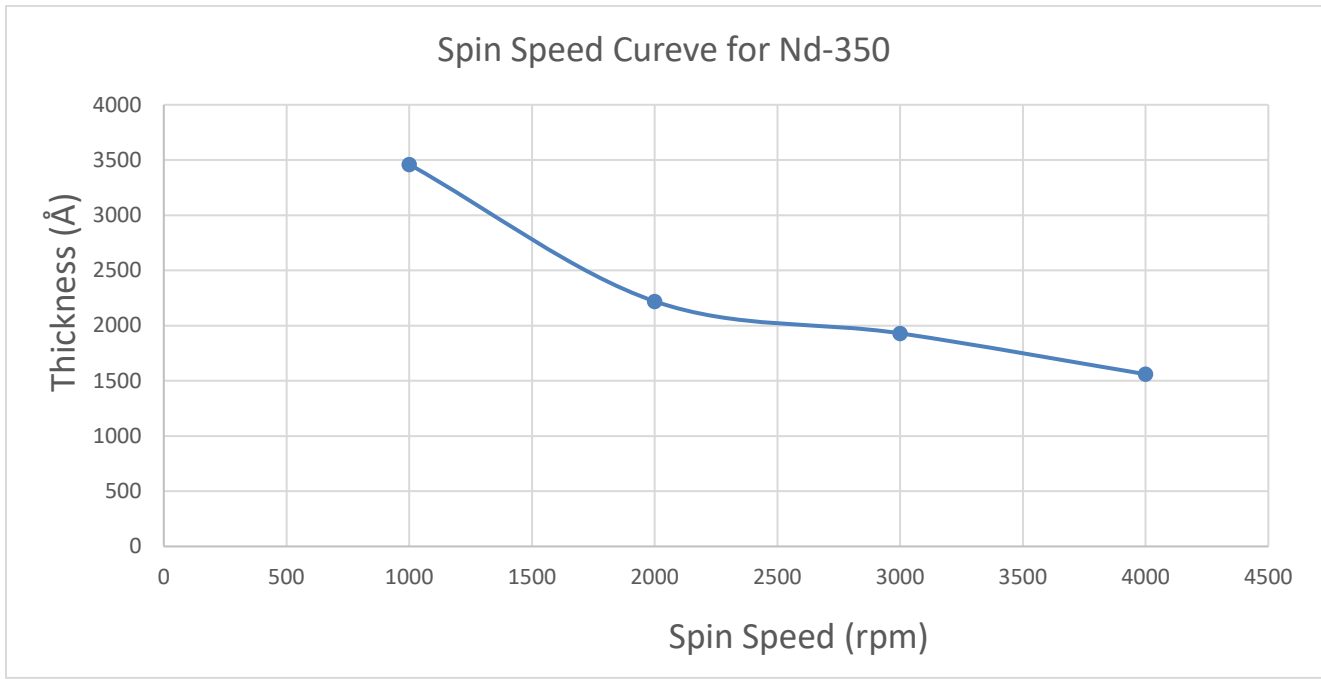
- 240ml
- 500ml
- 1 l
- 2.5 l
- 4 l

#### Alternative Products

- Al-200
- ZnAs-200

#### Elements Available to Add

- Blends of two or more elements
- Other elements available for compound semiconductor use



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