



Desert Silicon Inc.
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Spin-on-Glass Yt-228

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|--|--|--|
| Elements of Interest Si, O, Yt | Key Element atoms/cm³ Yt, 4E+21 | Key Element % in Film Yttrium |
| Viscosity, n (635nm) 0.9 cps | Thickness Coats 200 nm at 3000 rpm | Shelf Life 20°C 3 months 4°C 9 months |

Benefits

- Medium Yttrium doping level
- Uniform Coatings
- High purity materials
- 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 yttrium doped glass very typical for semiconductor applications. It begins curing at about 200°C to give a less dense but solid film. It continues to become increasingly dense as bakes continue to 650°C or higher. We recommend baking at the highest temperature the material will see in any post processing. For doping applications the glass is often removed after drive in.

Packaging

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

Alternative Products

YtBaCu-123

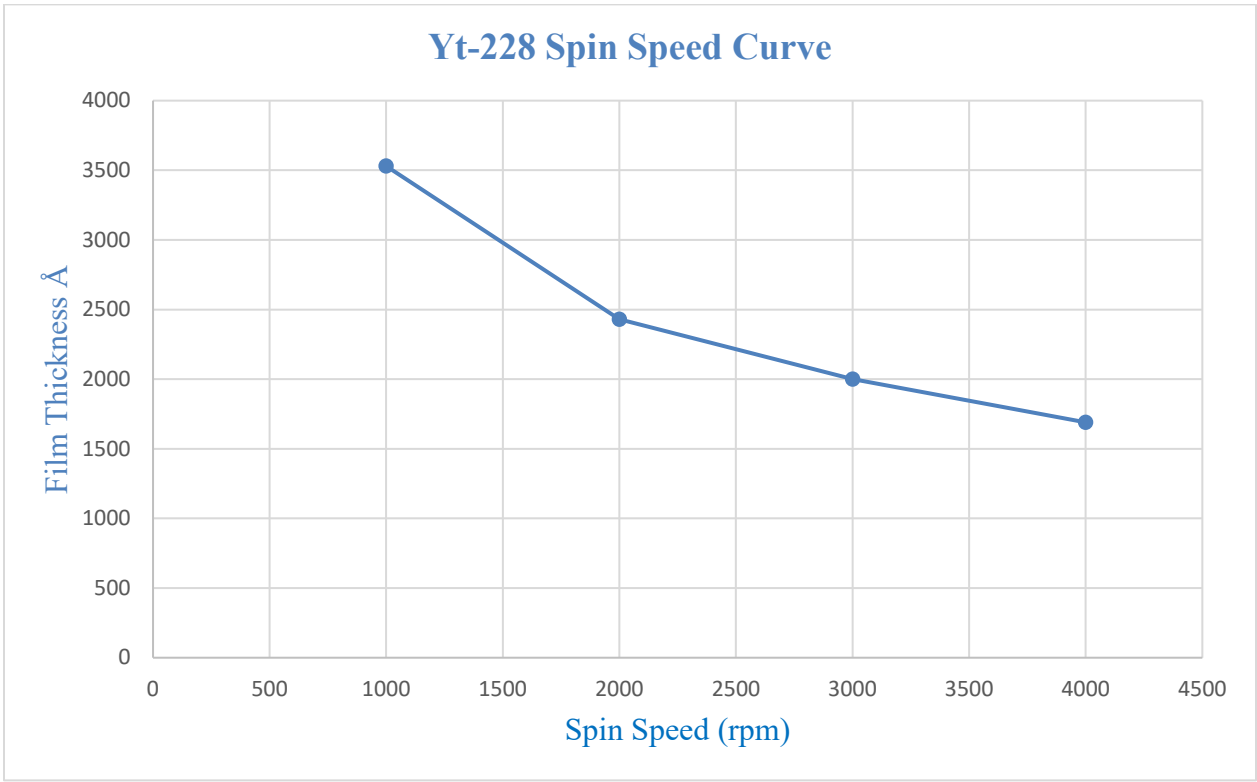
Elements Available to Add Ba; Cu

- Other elements available for compound semiconductor use

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