Spin-on-Glass Yt-228

<table>
<thead>
<tr>
<th>Elements of Interest</th>
<th>Key Element atoms/cm³</th>
<th>Key Element % in Film</th>
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<tbody>
<tr>
<td>Si, O, Yt</td>
<td>Yt, 4E+21</td>
<td>Yttrium</td>
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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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