

Product	Elements of Interest	Shelf Life
SOG Ti-1100	Ti, O	20°C 3 months 4°C 9 months
Dielectric Constant and RI	Viscosity	
RI 2.1	0.95 +/- 0.25 cps	

Benefits

- Excellent capacitor interlayer dielectric
- Uniform Coatings
- Optical inputs/outputs or cladding high index for matching
- Solar cell high refractive index for antireflective coating
- Optically transparent coating
- UV absorbing for critical applications

Typical Application

Titanium glass blends are useful for their high dielectric constant and high dielectric strength. This combination is useful in making capacitors, solar cells and many other diverse applications. The higher index is useful for matching to many semiconductor light input or output devices. They may also be used for wafer bonding.

Packaging

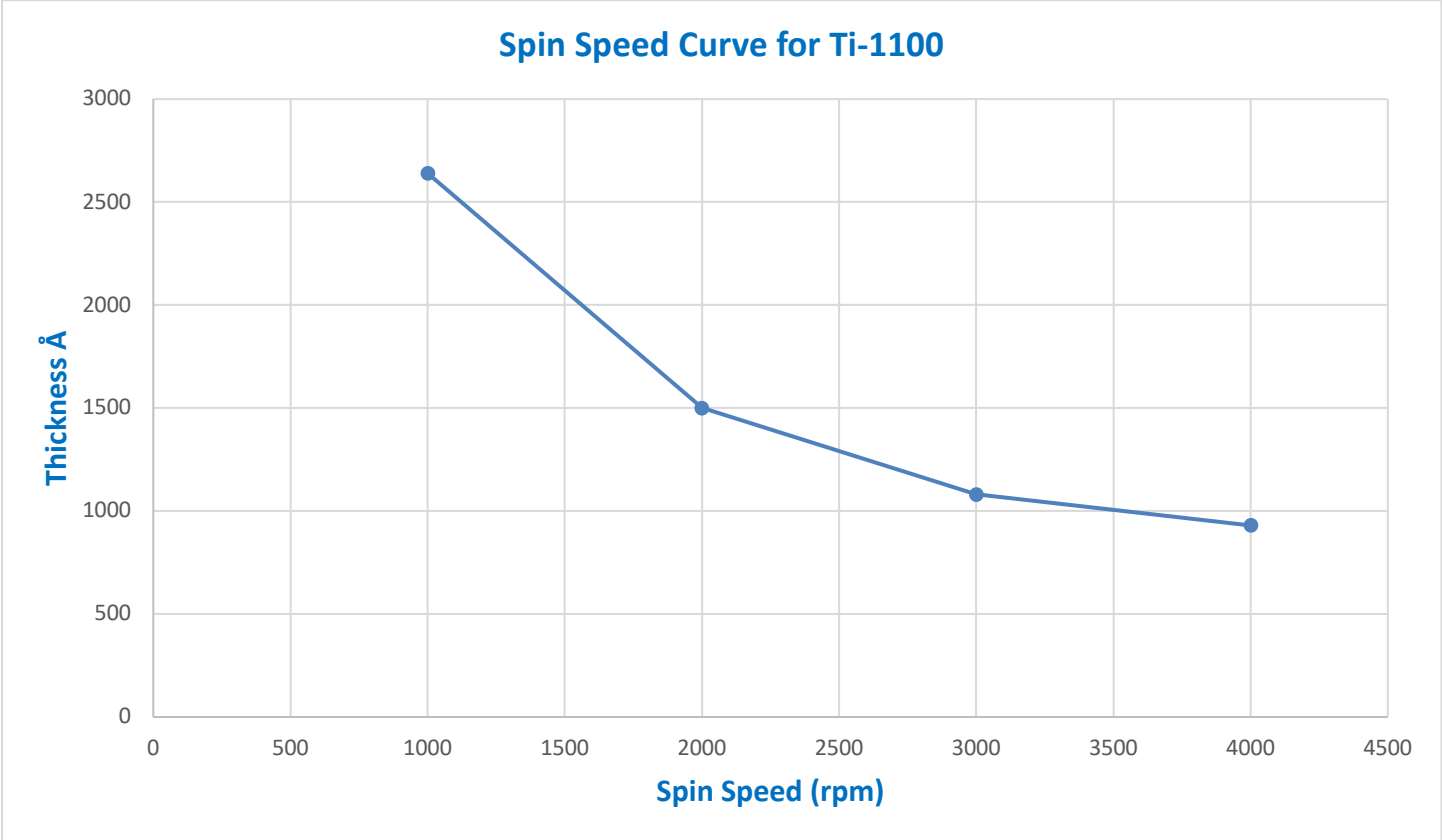
- 240ml
- 500ml
- 1 l
- 4 l Packaging Standard

Alternative Products

- Ti-452
- Ti-100R
- Ti-140R
- Ti-1000

Alternate Elements

- Yttrium, Zirconium, Hafnium or Niobium
- Blends of two or more elements also available
- Other elements available for compound semiconductor use



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