Product
SOG Ti-1100

Elements of Interest
Ti, O

Shelf Life
20°C 3 months
4°C 9 months

Dielectric Constant and RI
RI 2.1

Viscosity
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
- 1l
- 4l 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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