

Spin-on Glass Te-432

Elements of Interest Te, Si, O	Key Element atoms/cm³ Te, 4E+21	Key Element in Film Tellurium
Viscosity, n (635nm) 0.9 cps, 1.5	Thickness Coats 210 nm at 3000 rpm	Shelf Life 20°C 3 months 4°C 9 months

Benefits

- Heavy Tellurium 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 Tellurium doped silicate glass. It begins curing at about 200°C to give a less dense but solid film. It continues to become increasingly densified 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

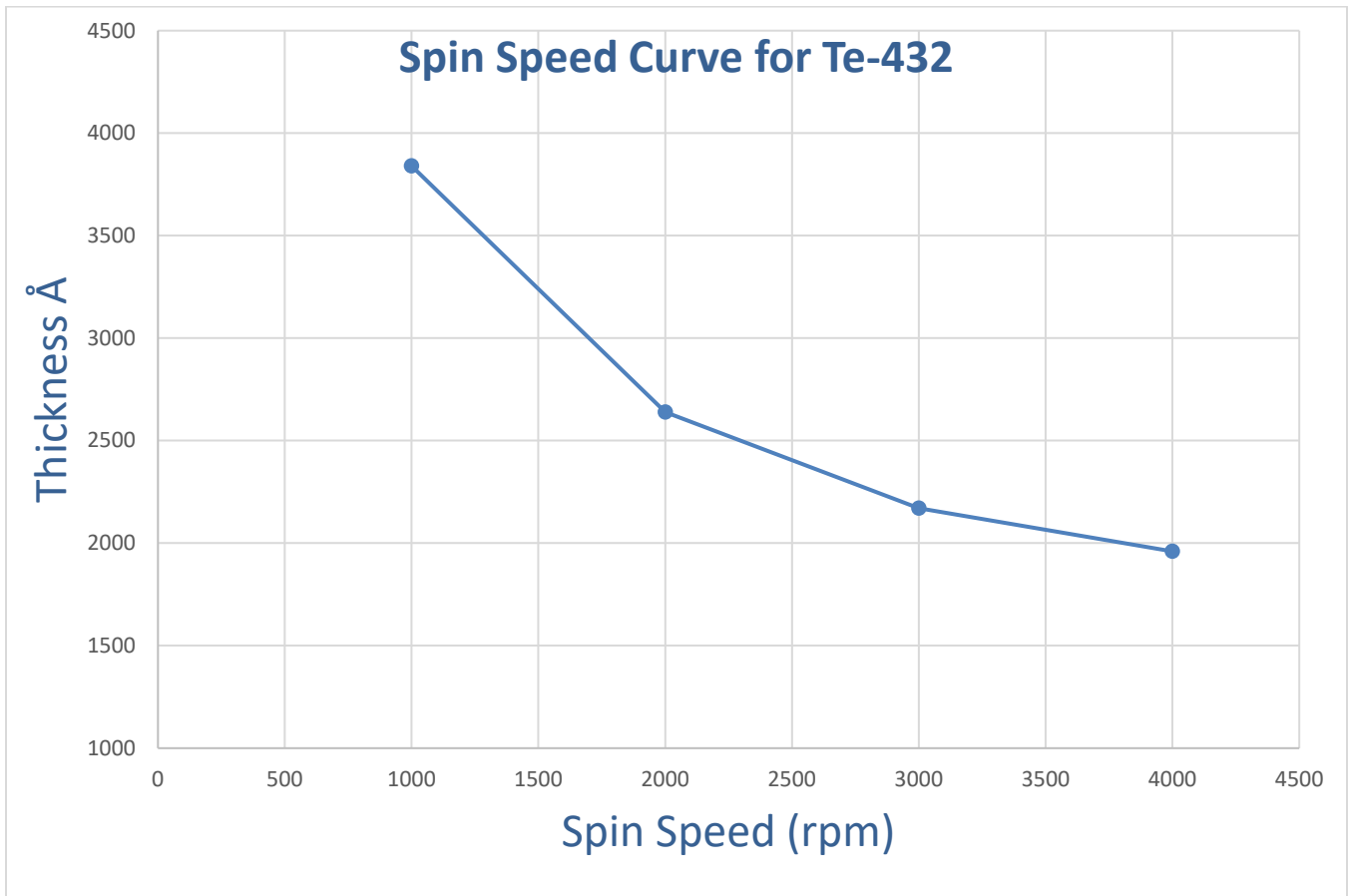
- 240ml
- 500ml
- 1 l
- 2.5 l
- 4 l

Alternative Products

- S-237HP
- Se-432HP

Elements Available to Add

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



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