

Gelest Sibrid[®] TI

Thermoplastic Silicone-Block Polymers

Features: Provides thin film high strength coatings and films. Sibrid[®] T series are fully cured thermoplastic silicone block polymers with the ability to form thin film sections combined with high permeability allowing maximum transport of water and oxygen.

Applications:

electronic devices - strippable low dielectric constant coatings. **microelectrodes** - electrolyte confinement with high gas transport. **membranes** - form high strength, high O₂ and H₂O transport rate films.



Caution

Use in a well ventilated area. Flammable. Avoid contact with skin and eyes.

Application Methods

Gelest Sibrid[®] TI is applied as a coating by spraying, dipping or brushing. The solvent is removed by evaporation at 75°C-125°C in an exhausted oven. As supplied, typical film deposition is 25-50 microns. Thinner films (<10 micron) may be prepared by diluting with THF, NMP or dioxane.

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