

# Business Competency

ChemOptics supplies electronic materials for semiconductor and devices for optical communication for future advanced industries.

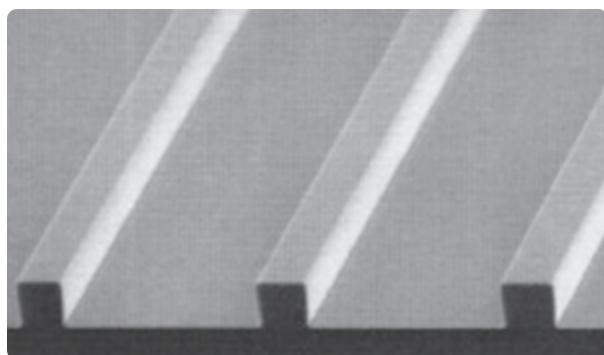
We also provide foundry services to support R&D and process validation for photonic semiconductor technologies.



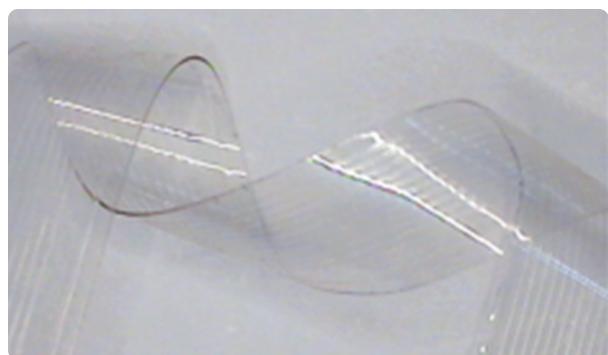
## Optical Material

### Waveguide Resin

- ChemOptics' Waveguide Resin is a UV-curable resin based on fluorinated acrylates.
- Waveguide Resin is designed for the application of optical waveguide devices and optical thin films used in optical communication.
  - Low optical loss
  - Low birefringence
  - Superior environmental stability
- To meet the needs of use in various waveguide structures, the combination of standard polymer resins allows precise and continuous control of the refractive index.



Singlemode Waveguide Resin



Multimode Waveguide Resin