Technical Strengths for the Semiconductor Industry

The Shin-Etsu Group is a global leader in developing sophisticated technologies for the semiconductor industry. Throughout the





Device

Photoresists

Shin-Etsu developed the first photoresist for use with the short wavelength excimer laser in 1996, and has become

> Various products developed by Shin-Etsu are indispensable to semiconductor materials and their production processes.



Silicone-based Thermal Interface Materials

Shin-Etsu offers various silicone-based thermal interface materials. These thermally conductive materials fill gaps between heat-generating units like CPUs and heat sinks.



Epoxy Molding Compounds

Shin-Etsu's epoxy molding compounds provide excellent reliability and moldability due to the utilization of Shin-Etsu's own silicone low-stress technology, special filler technology and unique flame retardation technology, or "green compound technique."