

Photolithography

Post-Lab Questions

1. Summarize the results including the correlation between the resist thickness and spin speed.
2. Compare your process and the process recommended in the protocol. Compare your results and the ones provided by the company (Shipley S1813 PR) and explain any differences.
3. What are the most critical steps during photolithography? Why?
4. In semiconductor manufacturing, the root causes of defects can be attributed to photolithography. Could you explain the reasons?