

NIST Proposal to Standardize MLMs for Resist Contamination Testing

Resist contamination testing on standard TiO₂-capped MLMs provided by Fraunhofer Institute:

- Eliminates variation in oxidation and other degradation processes that might confound results
- TiO₂-capped MLMs have demonstrated superior oxidation resistance

Suggested styles:

- MLMs tuned for maximum reflectivity at 13.6 nm at 45° (to conform to ASML protocol)
- Substrate 10 x 20 mm² wafer segment (~\$750 each)
- Substrate 1" GO flat (~\$2000 each)