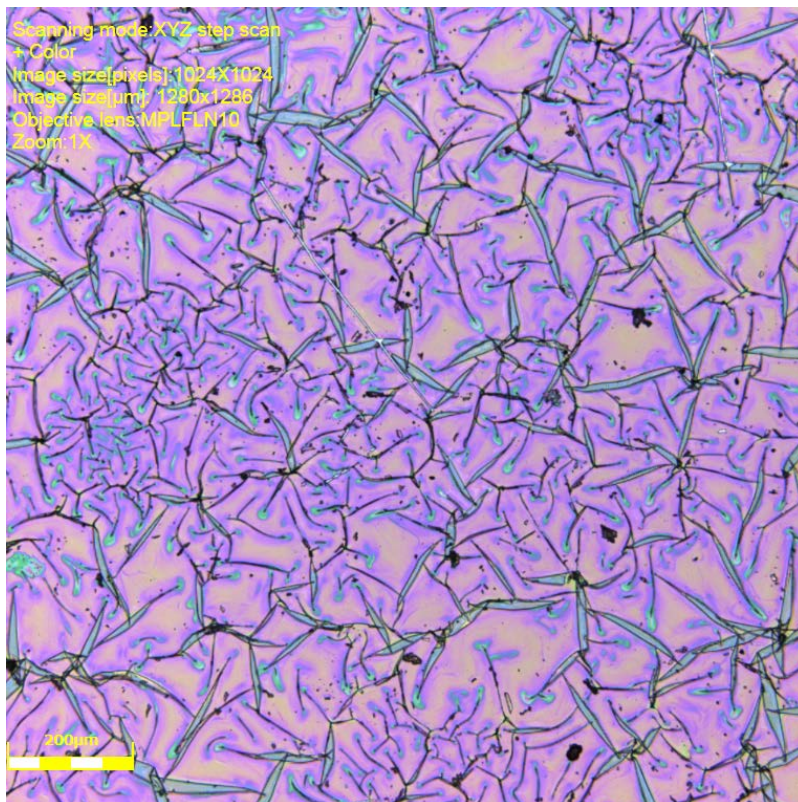


TMA-treated PMMA film
delaminating, buckling, tearing,
and folding on silicon substrate
after immersion in toluene for 10
days

Original film thickness: 1.3 μm

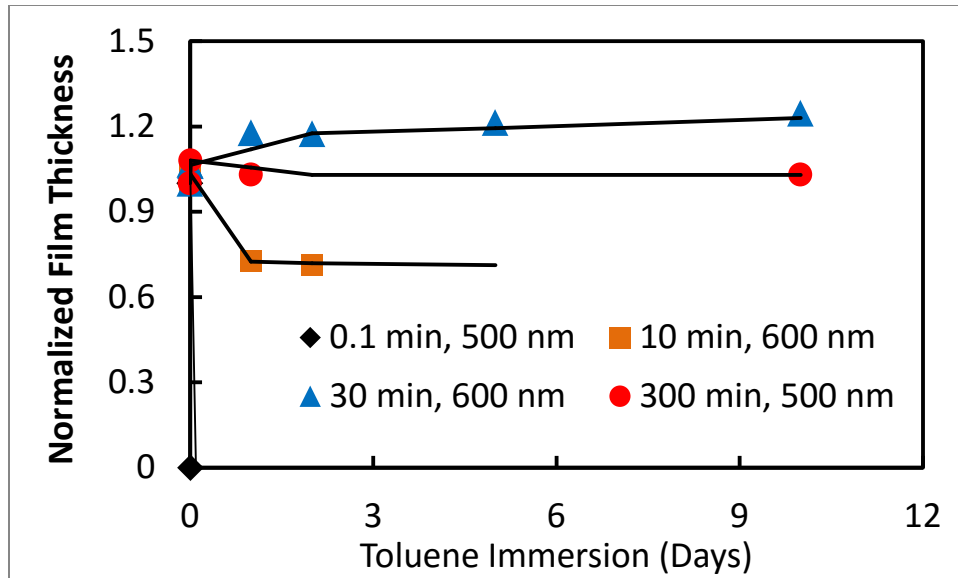
Process conditions: 90 °C, 30 min



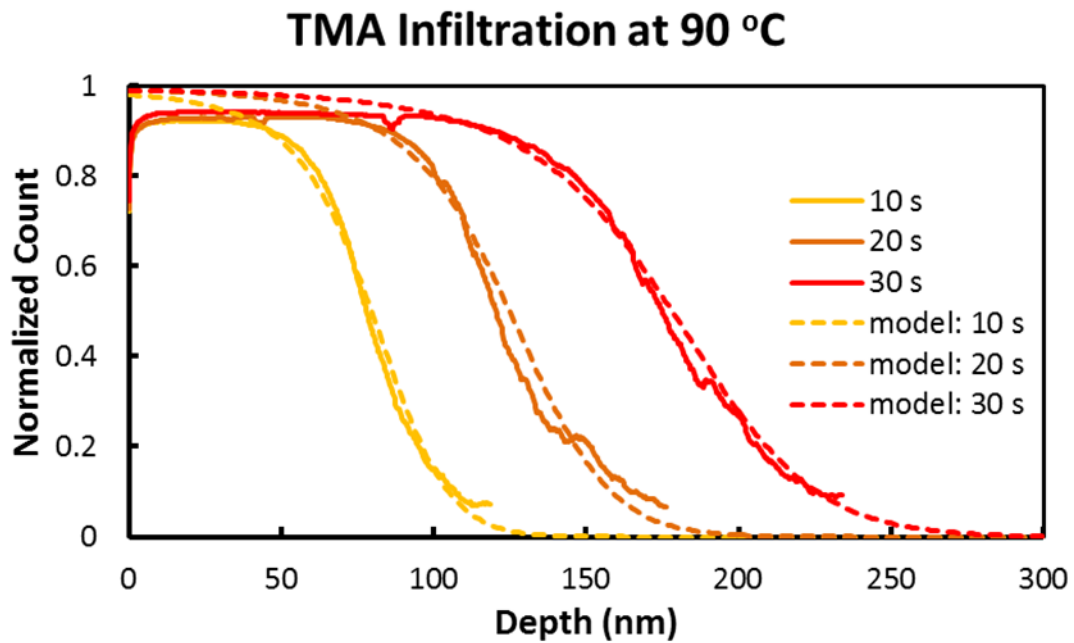
TMA-treated PMMA film
delaminating, buckling, and
folding on silicon substrate
after immersion in toluene for 2 days

Original film thickness: 600 nm

Process conditions: 90 °C, 10 min



Thickness changes of PMMA films treated with TMA and then immersed in toluene



Aluminum signals from TMA inside PMMA film, data taken using SIMS