

Title: Transport in Vapor Phase Infiltration Processes: Modeling and Measuring Competition between Reactions and Diffusion

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Supplemental Figure

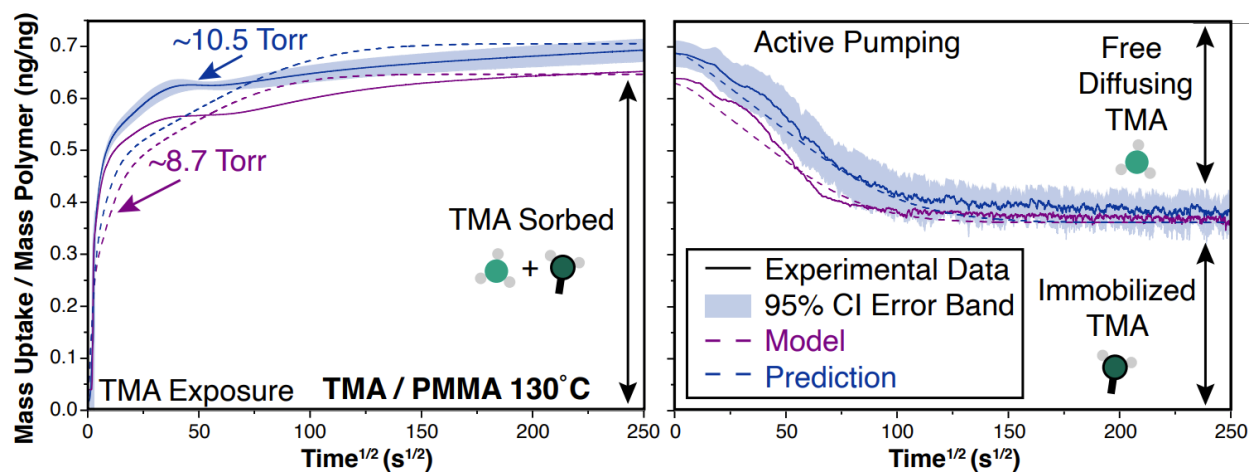


Figure 1. QCM data for TMA sorption and desorption showing mass uptake (normalized to polymer mass) as a function of $t^{1/2}$ for the infiltration of PMMA thin films with TMA at 130°C at 8.7 and 10.5 Torr as well as a model fit of the 8.7 Torr data and a model prediction for the 10.5 Torr data. Blue shading around the 10.5 Torr data represents the 95% confidence interval as determined by three experimental replicates.