

Vapor Phase Infiltration (VPI) of Polymers with Intrinsic Microporosity

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Supplemental Data

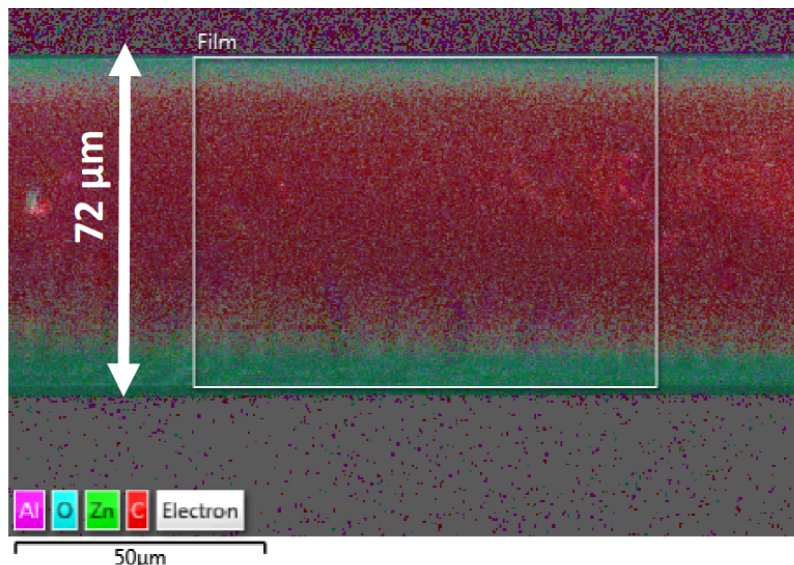


Figure 1. EDX map of a zinc oxide infiltrated PIM-1 film showing diffusion of precursors into the film. Infiltration depths of 10 microns are observed.

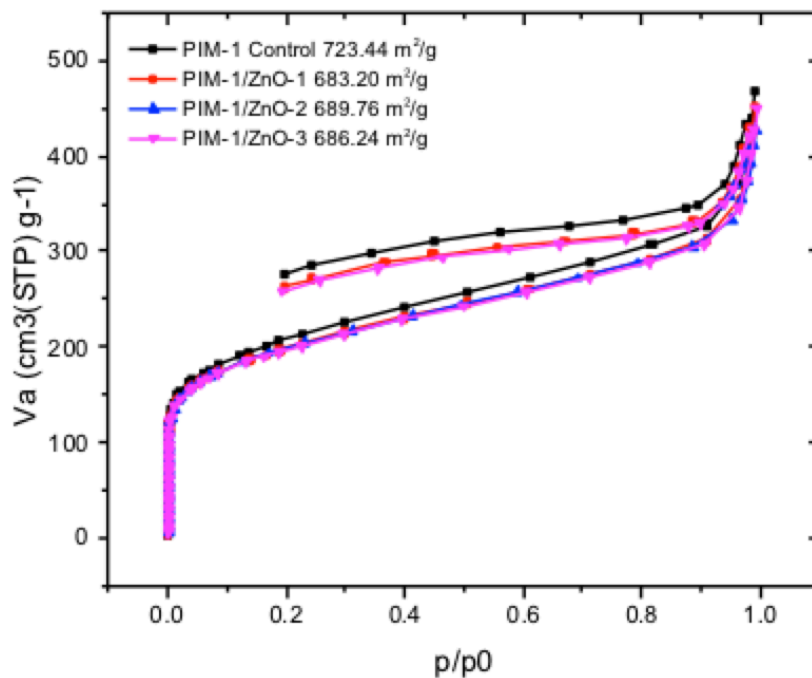


Figure 2. BET analysis of zinc oxide infiltrated PIM-1 powders with diethyl zinc and water hold times of 1) 10 minutes 2) 30 minutes and 3) one hour at 90°C. PIM-1 surface area remains high despite infiltration.