Long annealing 30 minutes in O₂ or Argon environment

Precursor + Solvent + Water + Catalyst (TEOS + ethanol + water + acid)

Dopants (Zinc acetate + ethanol + DEA)

Aging (hydrolysis + condensation)

Chemical mixing

Mixing

Spin-coating

Baking

RTP annealing 1 minute in O₂ environment

Deposition

Densification and crystallization

Long annealing 30 minutes in O₂ or Argon environment