

# Dielectric Properties of Three-Phase PZT-MWCNT-Epoxy Thick Film Composites with Graphene Electrodes

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**Goal:** Explore dielectric performance of piezoelectric thick films with graphene electrodes

**Results:** PZT  $\sim 2\text{-}7\ \mu\text{m}$  in size (spherical), MWCNT, Cross-sectional area =  $2.5\ \text{by}\ 2.5\ \text{cm}^2$ , thickness  $\sim 200\ \mu\text{m}$

