

Supplementary Information

Dielectric behavior of stretchable silicone rubber-barium titanate composites

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EXPERIMENTAL SECTION

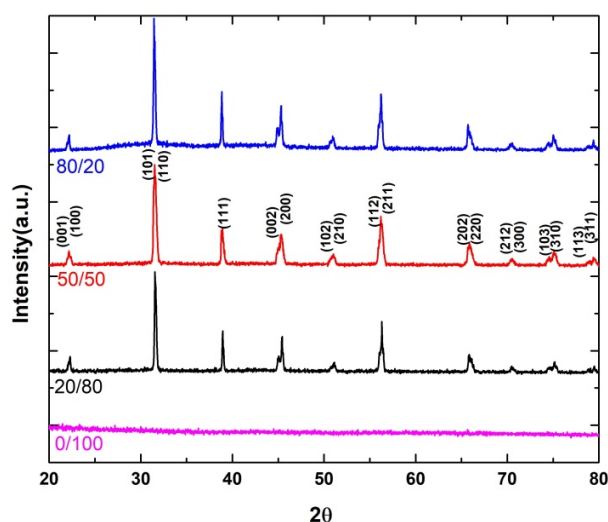


Figure S1. XRD patterns for BTO/silicone composites at various mass ratios ($m_{\text{BTO}}/m_{\text{silicone}}$).

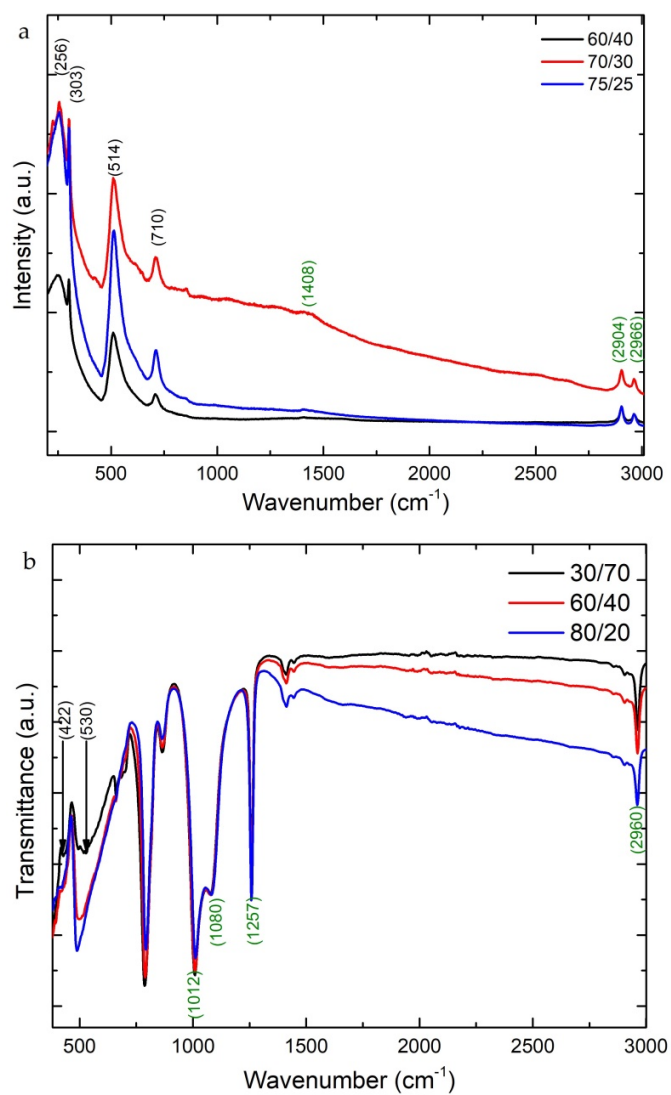


Figure S2. (a) Raman spectra for BTO/silicone composites at various mass ratios. Green highlighted peaks are assigned to silicone. (b) FTIR spectra for BTO/silicone composites at various mass ratios. Green-labeled peaks correspond to silicone.

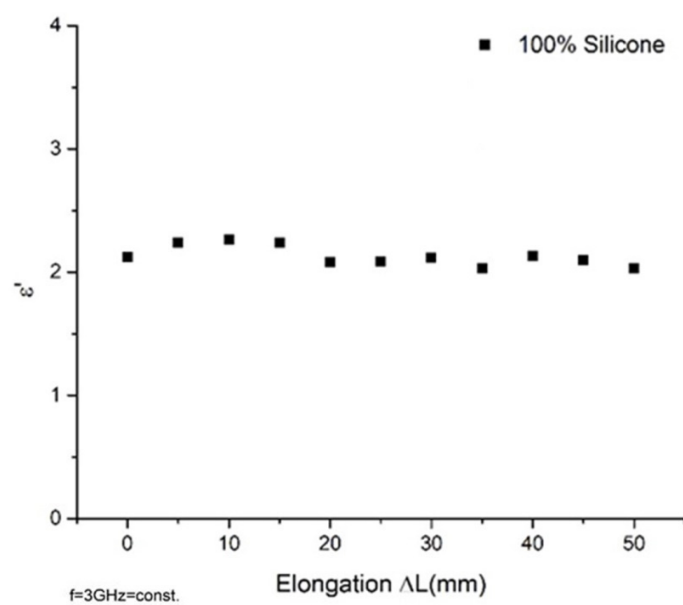


Figure S3: Dielectric constant as a function of uniaxial elongation for pure silicone, at 3GHz.