

Supporting Information

Effects of phase engineering strategy on strain properties in KNN-based ceramics

Xiang Lv, Jiagang Wu*

Department of Materials Science, Sichuan University, Chengdu, 610065, P. R. China

* Correspondence e-mail: wujiagang0208@163.com and msewujg@scu.edu.cn

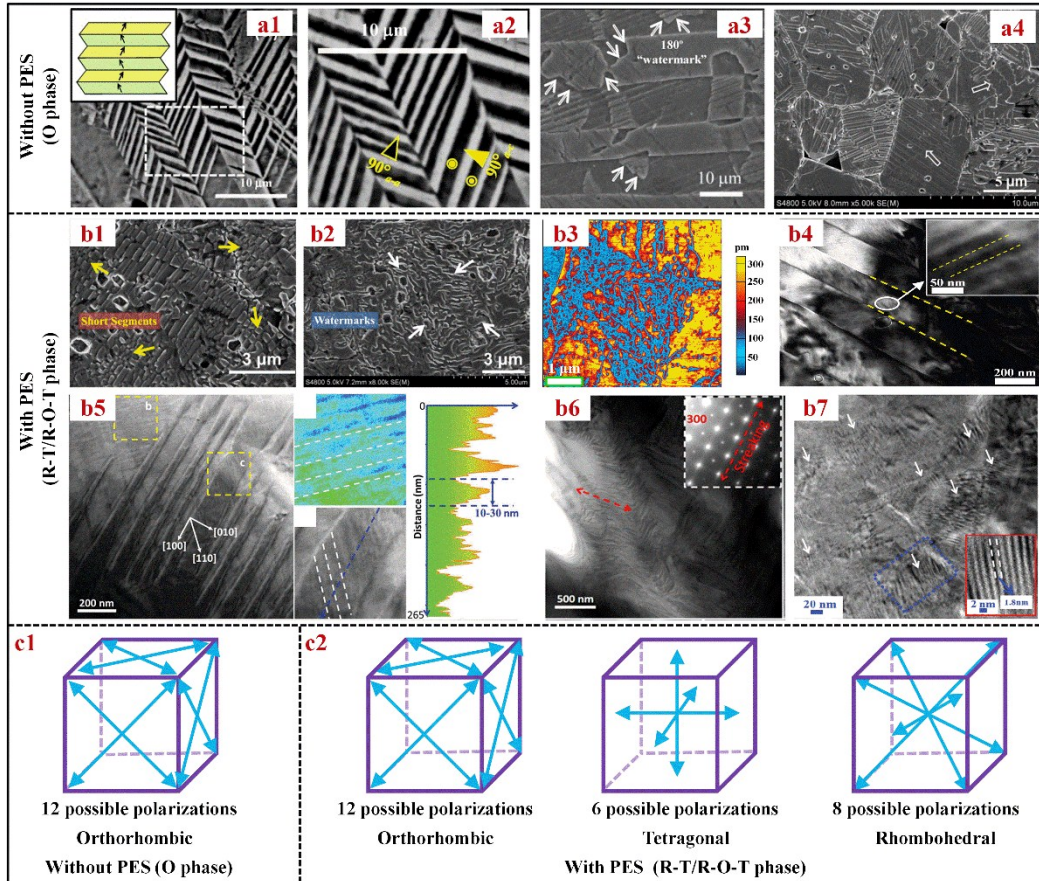


Figure S1. Domain configurations of KNN-based ceramics (a1-a4) without and (b1-b7) with the application of PES. Possible polarization variants of KNN-based ceramics (c1) without and (c2) with the application of PES. (a1-a3) from Ref. 1, (a4) from Ref. 2, (b1-b2) from Ref. 3, (b3-b4) from Ref. 4, (b5) from Ref. 5, (b6) from Ref. 6, and (b7) from Ref. 7.

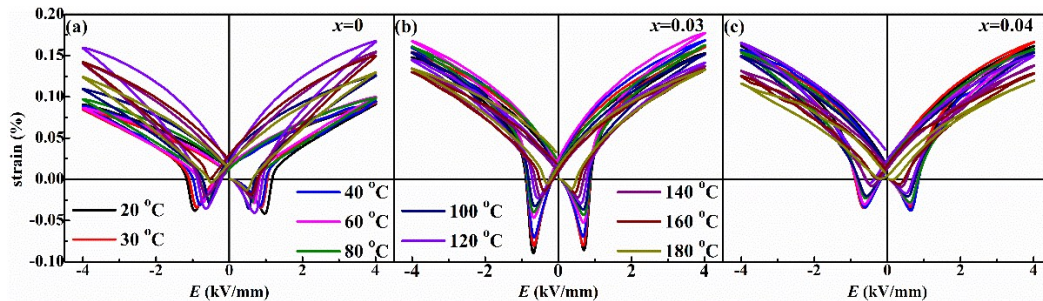


Figure S2. Temperature-dependent bipolar strain curves of the ceramics with (a) $x=0$, (b) $x=0.03$, and (c) $x=0.04$.

References

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