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ESI



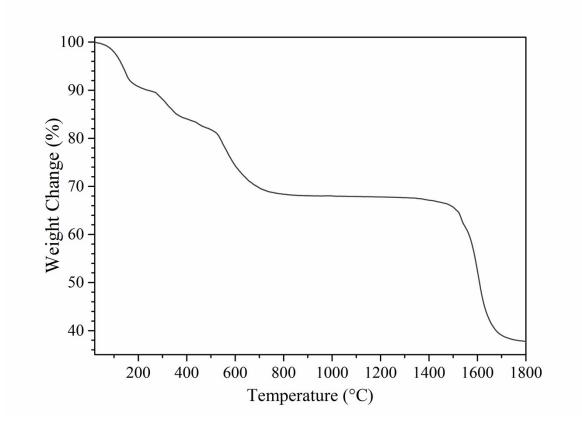


Figure 1SI. TG curves of PSZ recorded in flowing argon upon pyrolysis to 1800 °C.

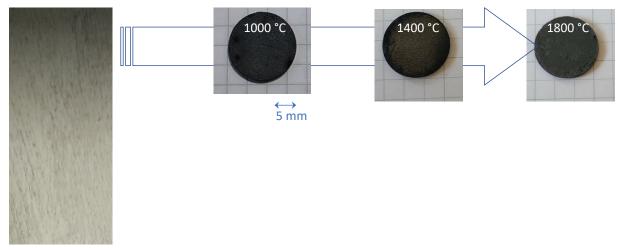


Figure 2SI. Illustrations of the **PSZTi5**-derived pellets isolated at different temperatures in flowing argon upon heat-treatment to 1800 °C.

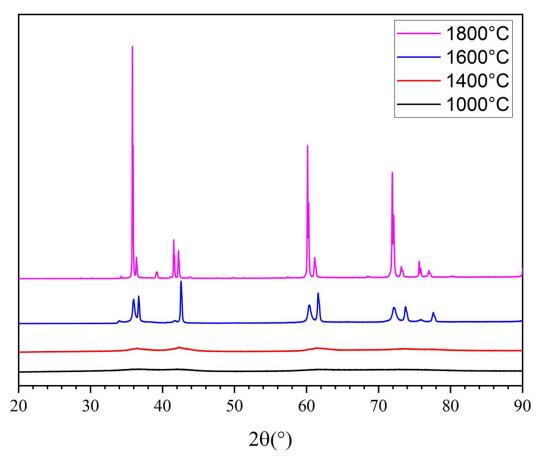


Figure 3SI. XRD patterns of PSZTi5_X foams with X = 10, 14, 16 and 18.