No. 1C-c30 $PbTiO_3$–$PbZrO_3$–$Pb(Fe_{1/2}Ta_{1/2})O_3$

1b Transition temperature: Fig. 1C-c30-001.

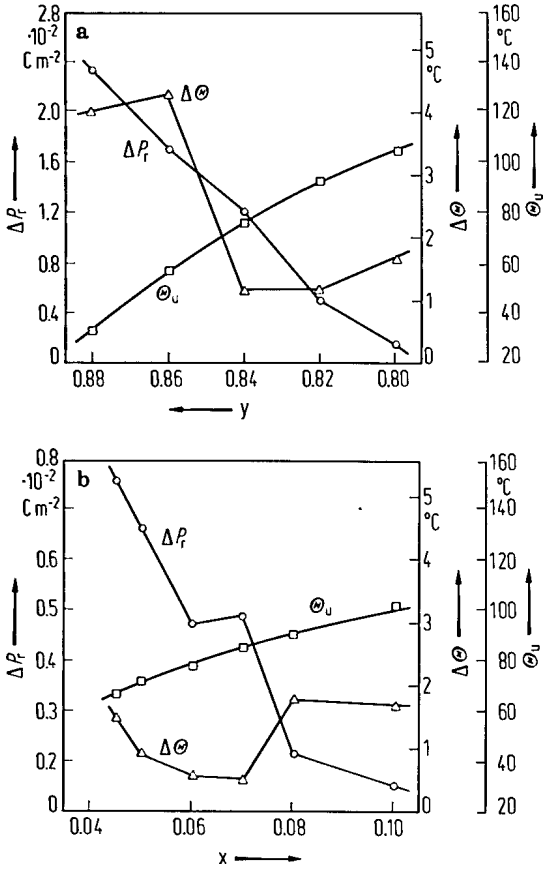

Fig. 1C-c30-001. $Pb[Ti_xZr_y(Fe_{1/2}Ta_{1/2})_{1-x-y}]O_3$ (ceramics). Θ_u, $\Delta\Theta$, ΔP_r vs. y or x [78Hen]. Θ_u: transition temperature from $F_{\alpha LT}$ to $F_{\alpha HT}$. $\Delta\Theta$: thermal hysteresis at Θ_u. ΔP_r: change in P_r between $F_{\alpha LT}$ and $F_{\alpha HT}$ determined by the hysteresis method. **(a)** x+y = 0.9. **(b)** y = 0.8.

Reference

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