
No. 1C-c55 $\text{PbTiO}_3\text{--PbZrO}_3\text{--Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3\text{--Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3$

1b Transition temperatures and coercive field: Fig. 1C-c55-001.

7a Piezoelectric constant: Fig. 1C-c55-002.

c Planar coupling factor: Fig. 1C-c55-003.

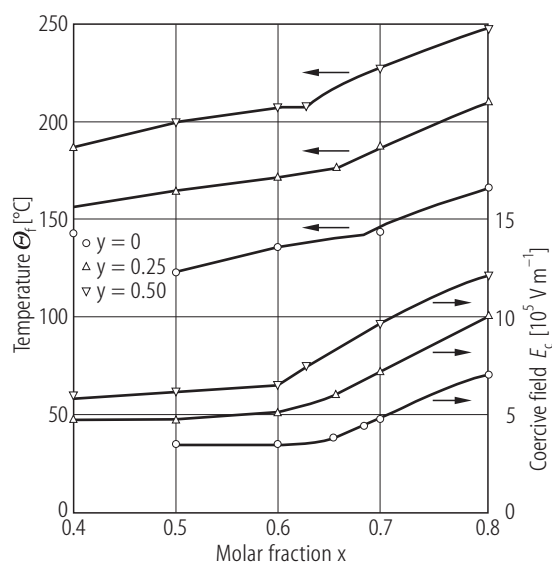


Fig. 1C-c55-001. $0.5[x \text{ PbTiO}_3 \cdot (1-x) \text{ PbZrO}_3] \cdot 0.5[y \text{ Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3 \cdot (1-y) \text{ Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3]$ (ceramics). Θ_f , E_c vs. x [89Chu]. Parameter: y.

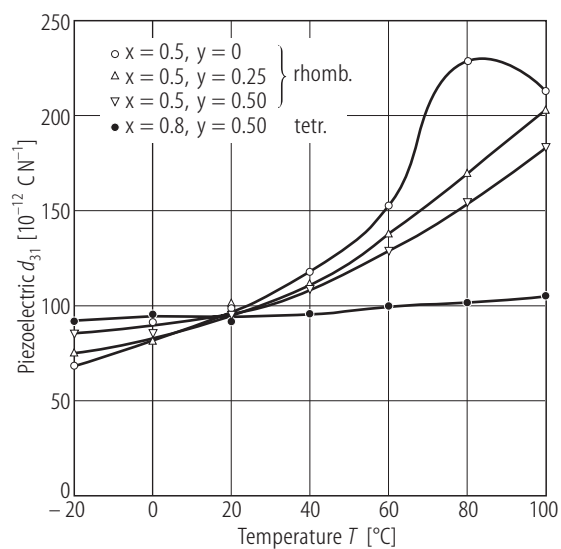


Fig. 1C-c55-002. $0.5[x \text{ PbTiO}_3 \cdot (1-x)\text{PbZrO}_3] \cdot 0.5[y \text{ Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3 \cdot (1-y)\text{Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3]$ (ceramics). d_{31} vs. T [89Chu]. Parameter: x, y .

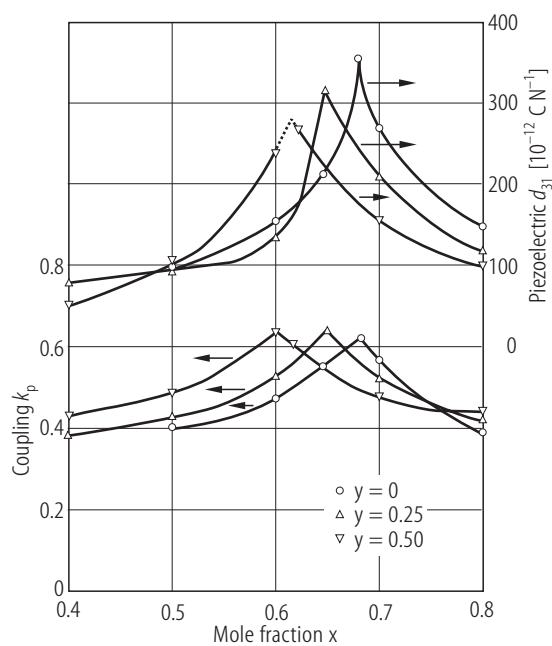


Fig. 1C-c55-003. $0.5[x \text{ PbTiO}_3 \cdot (1-x) \text{ PbZrO}_3] \cdot 0.5[y \text{ Pb}(\text{Zn}_{1/3}\text{Nb}_{2/3})\text{O}_3 \cdot (1-y) \text{ Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3]$ (ceramics). k_p , d_{31} vs. x [89Chu]. Parameter: y .

Reference

89Chu Chung, S.T., Nagata, K., Igarashi, H.: *Ferroelectrics* **94** (1989) 243.