
No. 1C-c36 PbTiO_3 – PbZrO_3 – $\text{Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3$

1b Phase diagram: Fig. 1C-c36-001.

5a Dielectric constant: see

77Ban

7a Piezoelectricity: Fig. 1C-c36-002.

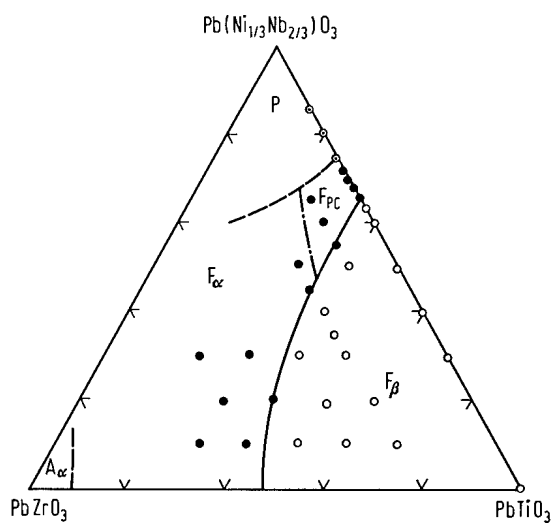


Fig. 1C-c36-001. $\text{Pb}(\text{Ni}_{1/3}\text{Nb}_{2/3})\text{O}_3$ - PbZrO_3 - PbTiO_3 . Phase diagram [77Ban]. PC: pseudocubic.

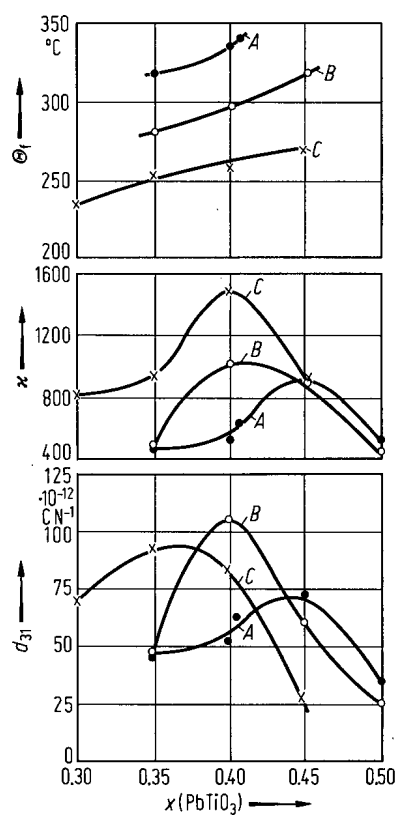


Fig. 1C-c36-002. $\text{Pb}[\text{Ti}_x\text{Zr}_y(\text{Ni}_{1/3}\text{Nb}_{2/3})_z]\text{O}_3$ ($x+y+z = 1$) (ceramics). Θ_f , κ , d_{31} vs. x [65Buy]. Parameter: z . Curve A: $z = 0.10$, B: $z = 0.20$, C: $z = 0.30$.

References

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