
No. 1B-c18 $\text{Pb}(\text{M}_{1/2}\text{Sb}_{1/2})\text{O}_3$ (M = Sc, Lu, Yb, Tm, Er, Ho)

1a	Sb-containing perovskite compounds with $\text{Pb}(\text{M}_{1/2}\text{Sb}_{1/2})\text{O}_3$ were synthesized by Venevtsev et al.	85Ven
3a	Structural studies: see	85Dan
5a	Dielectric constant: Figs. 1B-c18-001...1B-c18-004.	

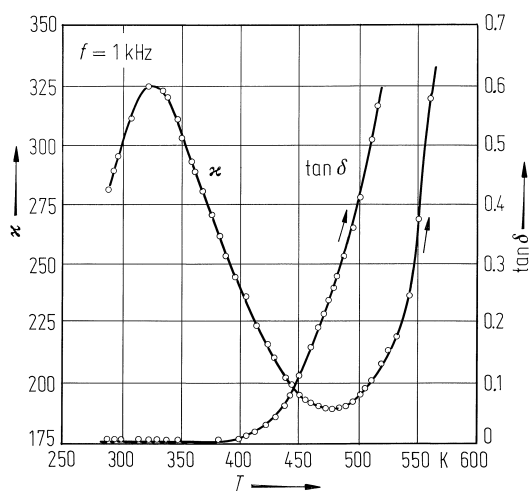


Fig. 1B-c18-001. $\text{Pb}(\text{Sc}_{1/2}\text{Sb}_{1/2})\text{O}_3$ (ceramics). κ , $\tan \delta$ vs. T [85Dan]. $f = 1$ kHz.

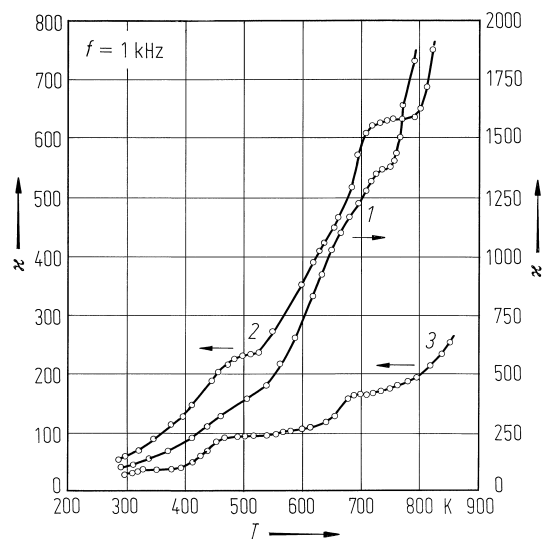


Fig. 1B-c18-002. Pb(Lu_{1/2}Sb_{1/2})O₃ (1), Pb(Yb_{1/2}Sb_{1/2})O₃ (2), Pb(Er_{1/2}Sb_{1/2})O₃ (3) (ceramics). κ vs. T [85Dan].
 $f = 1$ kHz.

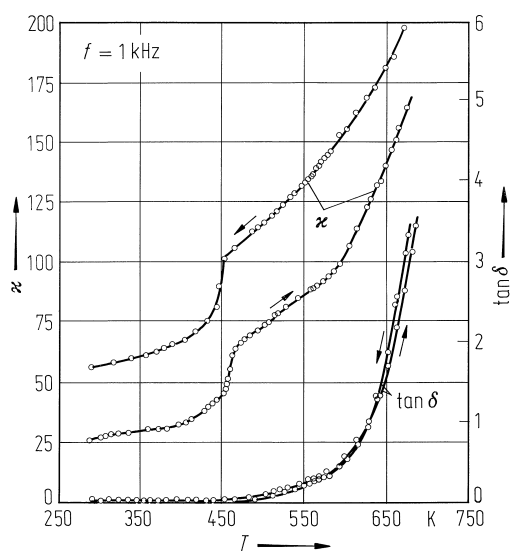


Fig. 1B-c18-003. $\text{Pb}(\text{Tm}_{1/2}\text{Sb}_{1/2})\text{O}_3$ (ceramics). κ , $\tan \delta$ vs. T [85Dan]. $f = 1 \text{ kHz}$.

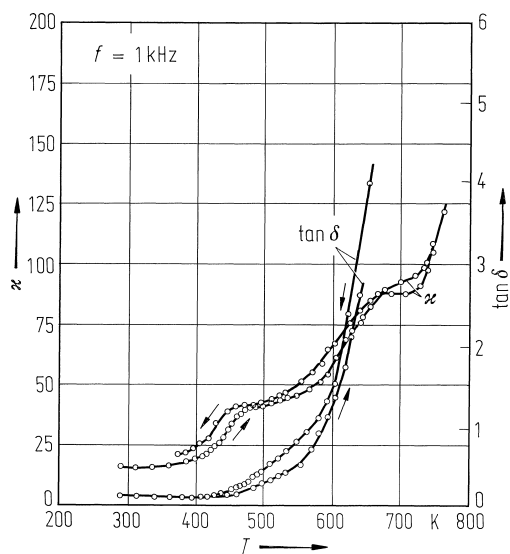


Fig. 1B-c18-004. $\text{Pb}(\text{Ho}_{1/2}\text{Sb}_{1/2})\text{O}_3$ (ceramics). κ , $\tan \delta$ vs. T [85Dan]. $f = 1 \text{ kHz}$.

References

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