

No. 1B-e7 $\text{Pb}(\text{Fe}_{2/3}\text{U}_{1/3})\text{O}_3$
($M = 371.8$)

1a	A synthesis of $\text{Pb}(\text{Fe}_{2/3}\text{U}_{1/3})\text{O}_3$ with perovskite structure was reported by Nomura et al. in 1972.	72Nom
b	Crystal system: cubic.	72Nom
2a	Crystal growth: flux method with PbO .	72Nom
3a	Ordered perovskite, $a = 8.066 \text{ \AA}$ at RT.	72Nom
5a	Dielectric constant: Fig. 1B-e7-001.	
12	Magnetic properties: ferrimagnetic, $\Theta_N \approx 360 \text{ K}$.	73Nom
13b	Mössbauer effect: $\delta = 0.4 \text{ mms}^{-1}$ (relative to stainless steel) at 400°C , $H_{\text{int}} = -39.0 \cdot 10^6 \text{ A m}^{-1}$ at 100 K .	73Nom

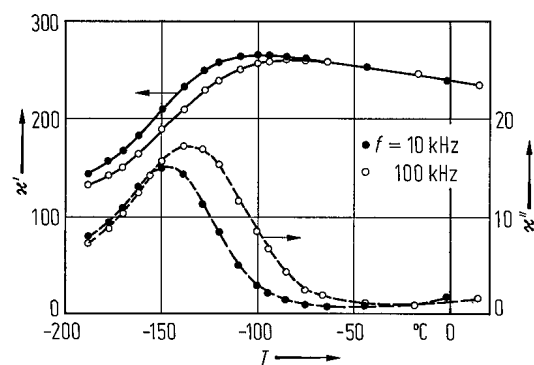


Fig. 1B-e7-001. $\text{Pb}(\text{Fe}_{2/3}\text{U}_{1/3})\text{O}_3$. κ' , κ'' vs. T [73Nom]. Parameter: f .

References

- 72Nom Nomura, S., Kawachi, M., Kojima, F.: J. Phys. Soc. Jpn. **33** (1972) 1716.
 73Nom Nomura, S., Kawachi, M., Kojima, F.: J. Phys. Soc. Jpn. **35** (1973) 1008.