

No. 1B-c23 $\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3$
 $(M = 432.2)$

1a	Dielectric anomaly in $\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3$ was reported by Isupov and Krainik in 1964.		64Isu
b	phase	II	I
	state	(A)	P
	crystal system	monoclinic	cubic
	Θ [°C]	280 ^a), 285	
3a	$a = c = 4.154 \text{ \AA}$, $b = 4.108 \text{ \AA}$, $\beta = 90^\circ 30'$ at RT.		64Isu
4	Thermal expansion: Fig. 1B-c23-001.		
5a	Dielectric constant: Fig. 1B-c23-002, Fig. 1B-c23-003. Spontaneous polarization: Fig. 1B-c23-004.		

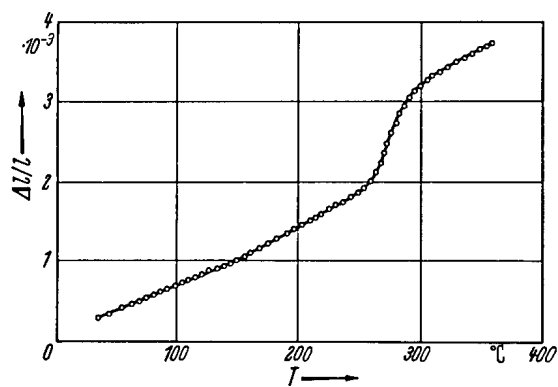


Fig. 1B-c23-001. $\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3$ (ceramics). $\Delta l/l$ vs. T [64Isu].

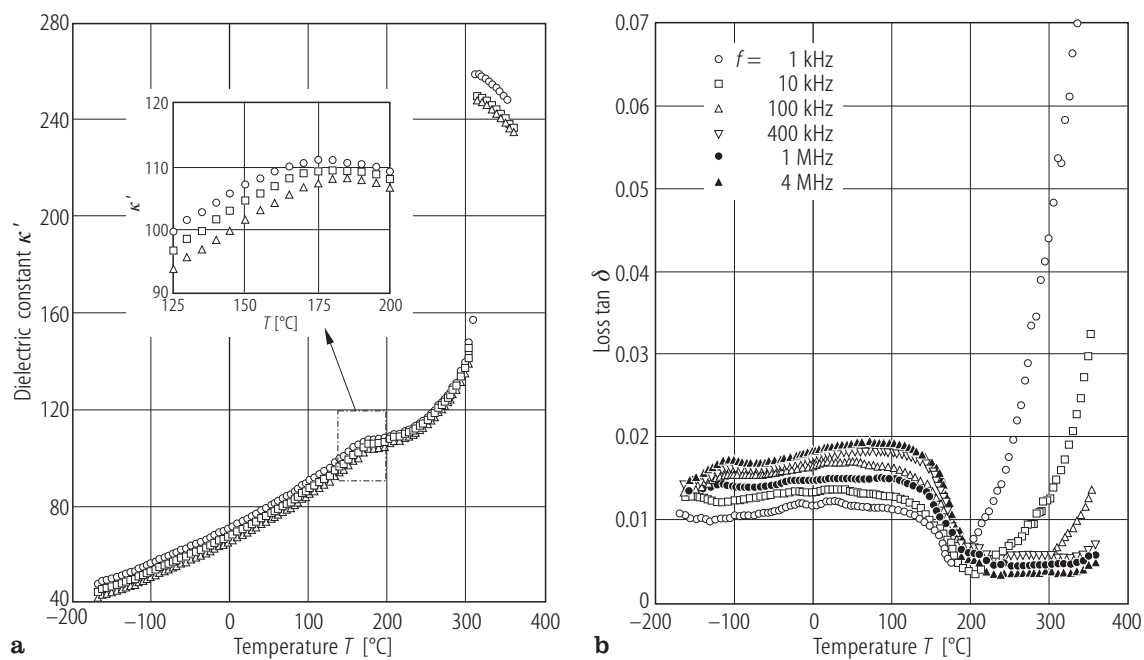


Fig. 1B-c23-002. $\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3$ (ceramics). κ' , $\tan \delta$ vs. T [93Yas]. Parameter: f .

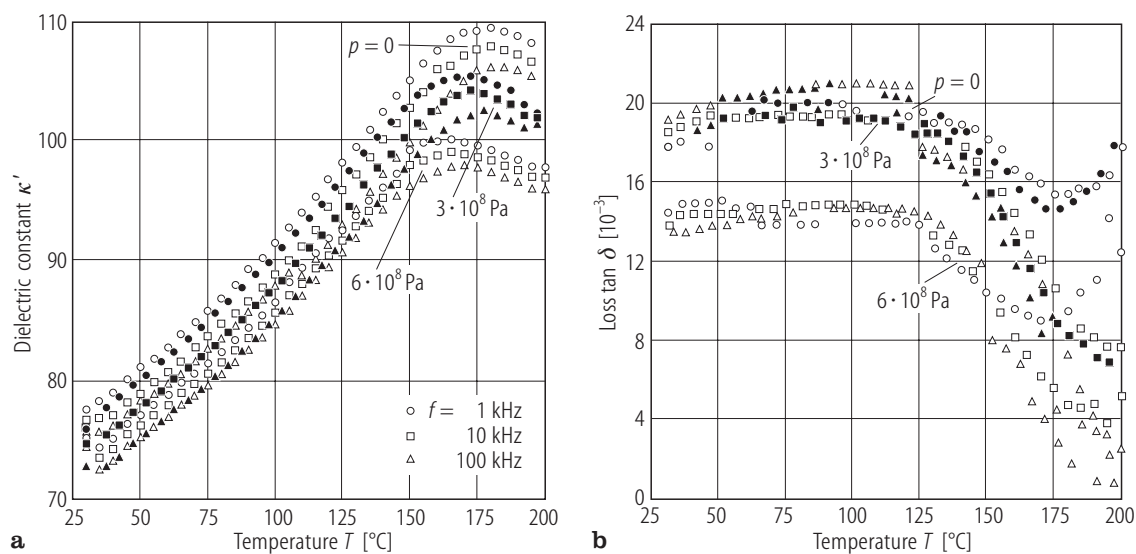


Fig. 1B-c23-003. $\text{Pb}(\text{Yb}_{1/2}\text{Ta}_{1/2})\text{O}_3$ (ceramics). κ' , $\tan \delta$ vs. T [94Yas]. Parameter: p, f .

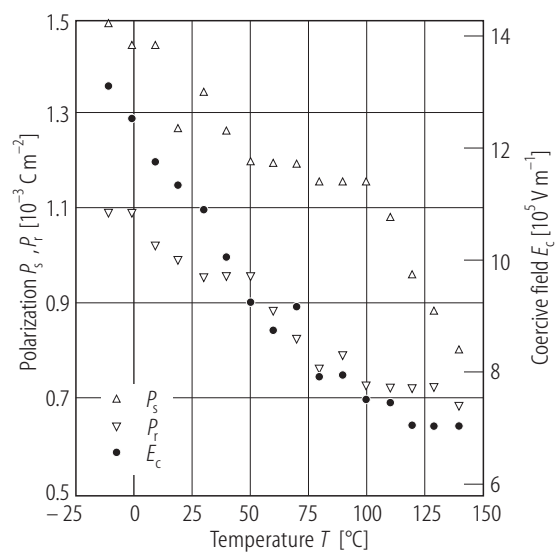


Fig. 1B-c23-004. Pb(Yb_{1/2}Ta_{1/2})O₃ (ceramics). P_s , P_r , E_c vs. T [94Yas].

References

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