No. 1C-c4 (Li,Ba)(Ti,Zr)O_3

5 Dielectric properties: Table 1C-c4-001.

a Dielectric constant: Fig. 1C-c4-001.

Table 1C-c4-001. (Li,Ba)(Ti,Zr)O_3. Dielectric data [92Rob].

Composition	P_{sint} [$\cdot 10^3$ kg m^{-3}]	κ (RT)	κ (T_c)	Θ_f [°C]
$Li_{0.1}Ba_{0.95}TiO_3$	5.23	1320	3621	130
$Li_{0.1}Ba_{0.95}Ti_{0.975}Zr_{0.025}O_3$	5.21	320	2884	135
$Li_{0.1}Ba_{0.95}Ti_{0.950}Zr_{0.050}O_3$	5.13	865	1590	130
$Li_{0.1}Ba_{0.95}Ti_{0.925}Zr_{0.075}O_3$	5.09	1045	1535	125
$Li_{0.1}Ba_{0.95}Ti_{0.900}Zr_{0.100}O_3$	4.88	93	253	125

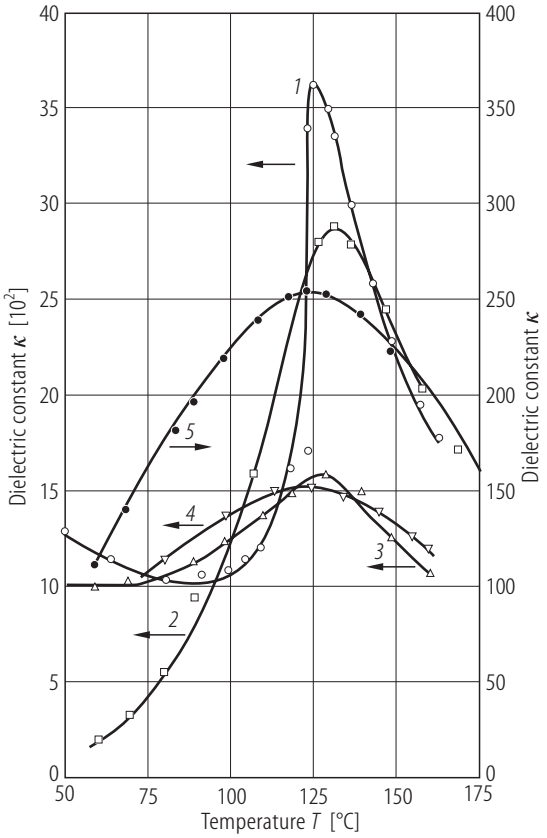

Fig. 1C-c4-001. $(Li_{0.1}Ba_{0.95})(Ti_{1-x}Zr_x)O_3$ (ceramics). κ vs. T [92Rob]. Parameter: x. f = 1 kHz. *1*: x = 0, *2*: x = 0.025, *3*: x = 0.050,. *4*: x = 0.075, *5*: x = 0.100.

Reference

92Rob Robin, A.I., Rao, V.P., Rao, K.S.: Indian J. Pure Appl. Phys. **30** (1992) 267.