Phase transitions in ferroelastic $[P(CH_3)_4]SbCl_6$ crystal.

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Streszczenie

Differential scanning calorimetry, dilatometric, dielectric and linear birefringence
measurements have been used to study the ferroelastic crystal. It was found that the crystal
undergoes two structural phase transitions, at 350 K (second order) and at 405 K (first
order). The x-ray temperature studies showed that at 350 K the crystal changes its symmetry
from triclinic to monoclinic. Ferroelastic domain structure was found in the room temperature
phase (below 350 K).

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