



Phase transitions in $(\text{CH}_3)_2\text{CHNH}_3\text{CdCl}_3$ crystal.

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Streszczenie

The crystal of $(\text{CH}_3)_2\text{CHNH}_3\text{CdCl}_3$ was grown and its physical properties were investigated. On the ground of DSC, dilatometric and dielectric investigations the phase transition at 390 K on heating process was revealed. On cooling two phase transitions at 382 K and 352 K were found. Polarized microscope observations show appearance of ferroelastic domain structure and cracks at 390 K on heating. On cooling the observed domain structure vanishes at 352 K.

Adres publiczny

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<http://www.ifpan.edu.pl>