



Effect of hydrostatic pressure on the phase transition temperature in [NH₂(CH₃)₂]₃Sb₂Cl₉.

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Streszczenie

Effect of hydrostatic pressure up to 400 Mpa on the electric permittivity in [NH₂(CH₃)₂]₃ Sb₂Cl₉ was studied. The transition temperature (T_c) was found to increase with increasing pressure up to 150 MPa, passed through a maximum and then decrease with increasing pressure. Unexpected nonlinear decreasing of T_c with increasing pressure above 150 Mpa indicates the different mechanism of ferroelectric phase transition than that considered till now.

Słowa kluczowe

high pressure, ferroelectric, dielectric permittivity,
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Adres publiczny

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