

INVESTIGATION OF SURFACE ELECTRICAL CONDUCTIVITY OF PZT-22 CERAMICS

Contact Phone

Abstract

The surface electrical conductivity of PZT-22 ceramics has been investigated. The specific surface electrical conductivity of the lead zirconate titanate ceramics PZT-22 has an activating character. The activation energy depends on the temperature interval and is determined by the presence of various impurities. Values of activation energy indicate the existence of energy impurity levels in the band gap of PZT ceramics.

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