

# Conductivity in disordered structures: Verification of the generalized Jonschers law on experimental data

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## Abstract

The generalized Jonschers law for complex conductivity (derived earlier) is tested on available experimental data. We suggest some criteria, which are used for verification of the analytical expression describing the data related to complex conductivity. It is shown that the generalized Jonschers law is suitable for description of the electrode polarization phenomenon. © 2012 American Institute of Physics.

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