

AIP Conference Proceedings 2016 vol.1722

Study of polylactic acid electret by dielectric spectroscopy

Galikhanov E., Lounev I., Guzhova A., Gusev Y., Galikhanov M., Vasilyeva M.
Kazan Federal University, 420008, Kremlevskaya 18, Kazan, Russia

Abstract

© 2016 AIP Publishing LLC. Correlation between the electret and dielectric properties of the PLA samples charged at different conditions was studied. Electret state of polylactic acid characterized by macromolecule segmental orientation is reflected on dielectric spectra that were used to calculate relaxation energy.

<http://dx.doi.org/10.1063/1.4944288>
