

Orientation of chlorophyll *a* and chlorophyll *b* oligomers in uniaxially and biaxially (skew) stretched polymer films

Bogumił Zelent, Jacek Goc, Roger M. Leblanc

The photographs of polyvinyl alcohol films colored with chlorophyll *a* and chlorophyll *b* were taken under a fluorescent microscope. The unstretched, uniaxially- and biaxially- stretched (skew) films were compared. The deformation and orientation of pigment oligomers are observed and discussed on the basis of our previously reported polarized absorption and fluorescence spectra.