
Quantitative approach to lightfastness forecasting of polymer materials

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The work is devoted to developing quantitative methods for polymer materials lightfastness forecasting into arbitrary spectral conditions of operation activities. Approach proposed for lightfastness forecasting is an alternative to presently applied ball-rating approach which is based on reference standards of blue scaleplate.

Keywords: *lightfastness, irradiation conditions, lightfastness forecasting, solving integral equations.*

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