

Photoisomerization of Triazine-stilbene Fluorescent Brighteners in Solution and in their Copolymers with Styrene

Ivo Grabchev and Vladimir Bojinov¹

Institute of Polymers, Bulgarian Academy of Sciences, BG-1113 Sofia, Bulgaria

¹ University of Chemical Technology and Metallurgy Sofia, 1756, Bulgaria

Reprint requests to Dr. I. G.; E-mail: grabchev@polymer.bas.bg

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The paper reports on the photochemical trans-cis isomerization of some new polymerizable triazine-stilbene fluorescent brighteners and their copolymers with styrene in aqueous and ethanol solutions. A dependence of trans-cis isomers in solution equilibrium and in solid polymeric films on the nature of the substituent in the triazine ring has been found.

Key words: Photoisomerization; Triazine-stilbene; Polymerizable Fluorescent Brighteners.