

Kinetics of dyeing of synthetic fibres by disperse dyes derivatives from heterocyclic system 2-aminothiazolo[4,5-f]indazole

Cristiana RĂDULESCU^{a*}, Ionica IONIȚĂ^a, Elena Irina MOATER^a and Ana-Maria HOSSU^a

^aUniversity "Valahia" Târgoviște, Faculty de Sciences, Department of Chemistry, 18-22 Unirii Blvd. Romania

Abstract: In this article a study of the colour properties of synthetic fibres is presented. The diffusion coefficient and dyeing rate constant of the synthetic fibres at the exhaust dyeing process by red disperse dyes derivatives from 2-aminothiazolo-indazole system were measured.

Keywords: disperse dye, 2-aminothiazolo[4,5-f] indazole, polypropylene, polyethylene terephthalate, dyeing rate
