

عنوان مقاله:

Synthesis and Evaluation of Novel Cationic Reactive Dyes for Nylon

محل انتشار:

سومین کنگره بین المللی رنگ و پوشش (سال: 1388)

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خلاصه مقاله:

Four novel cationic reactive dyes (Dye1-Dye4), all were based on the same chromospheres, but contained either one or two cationic groups, and either a single dichlorotriazinyl, mono-chlorotriazinyl or mixed monochlorotriazinyl/sulphatoethyl sulphone hetero-bi-functional reactive groups were synthesised. The design and synthesis of these dyes, together with a definition of their optimum application conditions to "Tactel Coloursafe" nylon (Du Pont) were outlined. All dyes fixed efficiently to nylon under alkaline dyeing conditions. The best of these dyes were compared with a commercial nylon anionic reactive dye, in all cases fixation and build up were comparable to market leading anionic reactive dyes.

کلمات کلیدی:

Reactive dyes, Nylon, Fixation efficiency, Cationic dyes

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