

Title (en)  
PROCESS FOR DYEING SYNTHETIC POLYAMIDE FIBROUS MATERIAL

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Application  
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Abstract (en)  
[origin: US4563192A] The invention relates to a process for dyeing synthetic polyamide fibre material with dyes or dye mixtures in the presence of a mixture of dyeing assistants, which comprises using for the dyeing of these materials an aqueous liquor which contains at least one anionic dye which, under the defined dyeing conditions, has a degree of exhaustion of at least 95% at 1/1 standard depth of shade, and a dyeing assistant mixture containing an anionic compound, a quaternary compound and a non-ionic compound, and wherein the liquor contains an alkali metal salt and an organic acid, and finishing the dyeing at pH 5-7, preferably pH 5.5-6, and at a temperature of 95 DEG to 130 DEG C. The process according to the invention is suitable for dyeing synthetic polyamide materials, producing level dyeings having good fastness properties with all types of dye or mixtures of dyes of identical or different types.

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