

عنوان مقاله:

A review on self-colored waterborne polyurethanes

محل انتشار:

ششمین کنگره بین المللی رنگ و پوشش (سال: 1394)

تعداد صفحات اصل مقاله: 2

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خلاصه مقاله:

In this study, self-colored polyurethane based on naphthalimide (N) and anthraquinone (A) dyes was investigated as point of thermal and fluorescent behaviors. The self-colored waterborne polyurethane (WPU) has characterized by using a different instrument such as thermogravimetric analysis (TGA), differential thermogravimetric (DTG), FTIR, UV-vis spectroscopy, and fluorescent spectrophotometry. Generally, these self-colored polymers were obtained by reacting dye with prepolymer during the reaction.

کلمات کلیدی:

Waterborne polyurethane- Fluorescent spectroscopy- Anthraquinone and naphthalimide dyes

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