

Photo-Stability of Industrial Pigments

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Pigments and dyes are found in a wide range of application such as printer ink and advertisement signboards. In order for industry optimize these pigments various characteristics need to be examined. One of these characteristics is the pigment degradation rate due to various environmental conditions, such as ozone and sunlight. By simulating such conditions and monitoring the degradation, a further understanding of degradation mechanism can be elucidated. We present here an investigation of two industrial pigments, obtained from Iimak, with two objectives in the forefront. First to elucidate the proper mechanism for decomposition due specific environmental constraints and secondly develop an agent that will reduce or control the degradation rate.

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