3,4,9,10 Perylenetetracarboxylic Acid Anhidryde Derivated Dyes

Delia ATANASOAIE a and Ion SEBE a

^a,,Politehnica" University Bucharest, Faculty of Industrial Chemistry, Calea Victoriei 114, Sector 1, of Bucharest, Romania

Abstract. Perylene dyes are known by their good thermoresistent properties and by their strong fluorescence in different media. [1]. Some of them are successfully used in laser technic with good results. In this paper we have examinated synthesis of new compounds starting from 3,4,9,10- perylenetetracarboxylic acid anhydride by condensing with various amines.[2] All the compounds have been characterized from the point of view of their physico-chemical properties, and reaction yields have been estimated for each reaction in point.

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