

機能性色素

Functional Dyes



機能性色素は、従来の染料や顔料がもつ可視光線の吸収による着色にとどまらず、光、熱、電場、圧力などによって新しい機能を発現させる色素材料です。これらの色素はその特性を活かして、電子情報分野の表示デバイス、エネルギー変換材料、記録材料などに幅広く利用されています。

In addition to the coloring functions provided by conventional dyes and pigments, functional dyes are materials which express new features by light, heat, electric fields, pressure, or other stimuli. Equipped with such properties, these dyes have been utilized in a wide range of applications, including display devices, energy conversion materials, and recording materials.