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# OPTICAL INFORMATION RECORDING MEDIUM



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## ABSTRACT OF THE DISCLOSURE

The present invention provides an optical information recording medium having superior resistance to water and humidity, having less thermal diffusion of the dye molecules within the light absorbing layer 3 under conditions of high heat and humidity, and which is able to prevent deterioration of the signal, wherein it is possible to employ less expensive Ag (silver) and Al (aluminum), instead of expensive gold (Au) as the material for the light reflecting layer 4.

The present invention is an optical information recording medium for recording information when a recording beam L1 is shone on a light absorbing layer 3, wherein the solubility of the light absorbing layer 3 in 70 °C water is $1.0 \times 10^{-1}$ milligrams/liter or less; the present invention is constituted with attention to keeping the water solubility within a prescribed range, in consideration of the inferior resistance to water and humidity resulting from the high solubility in water of dyes comprising halogen, and particularly iodine, anions.


Figure 21