

ABSTRACT

The present invention provides an optical film suppressed or prevented from a display property defect. An optical film (10) includes: a translucent base (A) 11; and a resin layer (B) 12, wherein the resin layer (B) 12 is formed on the translucent base (A) 11, elements constituting the resin layer (B) 12 include silicon, and the number of atoms in the resin layer (B) 12 at a depth of 1 nm from a surface facing away from the translucent base (A) 11 satisfies the following equation (1):

$$5.0 \leq [(n_{\text{Si}}/n_{\text{total}}) \times 100] \leq 9.0 \quad (1)$$

where in the equation (1), n_{total} represents a sum of the number of atoms of carbon, nitrogen, oxygen, and silicon, and n_{Si} represents the number of silicon atoms.

FIG. 1