

Abstract

The present invention is a pressure-sensitive adhesive layer, formed by a pressure-sensitive adhesive composition including a (meth)acrylic polymer and an ultraviolet absorber, wherein the (meth)acrylic polymer contains an alkyl (meth)acrylate (A) having an alkyl group having 8 or less carbon atoms, and an alkyl (meth)acrylate (B) having an alkyl group having 12 to 24 carbon atoms; wherein a percentage (a) of the (A) and a percentage (b) of the (B) satisfy Equation (1): $60 \leq \{(a) + (b)\}$,

Equation (2): $2 < \{(a) / (b)\} \leq 5$; and the pressure-sensitive adhesive layer has Tg from -20 to -5°C, Tanδ of the peak value is in the range of 1.6 or more and 2.6 or less; a transmittance of 10% or less at a wavelength of 380 nm and a transmittance of 85% or more at a wavelength of 450 nm; and a total light transmittance of 85% or more, and has a haze of 1% or less. The pressure-sensitive adhesive layer of the present invention is capable of suppressing deterioration of an organic EL element, while having high transparency, low dielectric characteristics that does not adversely effect on the sensitivity of the sensor, and excellent resistance to drop impact.

FIG. 4