

ABSTRACT

The present invention is a one-side-protected polarizing film having a polarizer and a protective film provided on only one surface of the polarizer, wherein the polarizer contains a polyvinyl alcohol-based resin, has a thickness of 10 μm or less, and is configured so that optical properties represented by a single-body transmittance T and a polarization degree P satisfy the following relationship: $P > -(10^{0.929T-42.4}-1) \times 100$ (provided that $T < 42.3$) or $P \geq 99.9$ (provided that $T \geq 42.3$), a transparent layer is provided on another surface of the polarizer, and a dynamic friction coefficient of the surface on which the protective film is provided is 0.2 or less. In this one-side-protected polarizing film, it is possible to resist the occurrence of through cracks and nano-slits even when the polarizer has specific optical properties and a thickness of 10 μm or less.

Fig. 1A & 1B