CLAIMS

1. An optical film for organic EL display devices, comprising a retardation film functioning as a λ/4 plate, and a pressure-sensitive-adhesive/adhesive layer having a moisture permeability of 50 g/(m^2•day) or less at 40°C, and 92% R.H., wherein the pressure-sensitive-adhesive/adhesive layer is made from a rubber-based pressure-sensitive-adhesive composition comprising polyisobutylene, and hydrogen-abstraction type photopolymerization initiator.

2. The optical film for organic EL display devices according to claim 1, wherein the rubber-based pressure-sensitive-adhesive composition comprises a polyfunctional radical polymerizable compound.

3. A polarizing film for organic EL display devices, comprising a polarizer, and the optical film recited in claim 1 or 2 for organic EL display devices.

4. The polarizing film for organic EL display devices according to claim 3, wherein the polarizer has a thickness of 15 μm or less.

5. The polarizing film for organic EL display

devices according to claim 3 or 4, which comprises the polarizer, the retardation film functioning as the λ/4 plate, and the pressure-sensitive-adhesive/adhesive layer, the moisture permeability of which is 50 g/(m^2•day) or less at 40°C, and 92% R.H., in this order.

6. The polarizing film for organic EL display devices according to claim 3 or 4, which comprises the polarizer, the pressure-sensitive-adhesive/adhesive layer, the moisture permeability of which is 50 g/(m^2•day) or less at 40°C, and 92% R.H., and the retardation film functioning as the λ/4 plate in this order.

7. A pressure-sensitive-adhesive layer attached polarizing film for organic EL display devices, comprising the polarizing film recited in any one of claims 3 to 6 for organic EL display devices, and a pressure-sensitive-adhesive layer on a polarizer side of the polarizing film for organic EL display devices.

8. An organic EL display device, comprising the polarizing film recited in any one of claims 3 to 6 for organic EL display devices, or the pressure-sensitive-adhesive layer attached polarizing film recited in claim 7.