CLAIMS

1. A sealing sheet mainly composed of an adhesive sheet comprising a core film having a water vapor transmission rate of less than 7.5 g/100 sq. in 24 hr as measured by a method according to JIS Z 0208, and a Relaxation rate of not less than 10% as measured by the following bending-stress relaxation rate measurement test, and an adhesive layer formed on both surfaces of the core film:

[bending-stress relaxation rate measurement test]

(1) a core film is cut into a tape (width 20 mm, length 100 mm), the tape is rolled to form a loop with one surface thereof being inside, one end (10 mm) of the rolled tape is laid on top of the other and fixed with an adhesive tape to give a loop sample,

(2) the loop sample is put on a balance, and pressed with a flat plate surface of the jig such that the distance between the flat plate surface and the balance is 20 mm to deflect the loop sample, and

(3) from the start of pressing, the weight of the loop sample is measured by the balance, a ratio of the weight of the loop sample at 60 seconds from the start of pressing to the weight of the loop sample at 0 second therefrom is calculated based on the following calculation formula, and the obtained rate is taken as the relaxation rate.

relaxation rate (%)$=(1-(F_{60}-W)/(F_0-W))\times 100$

F_0: weight at 0 second from the start of pressing

F_{60}: weight at 60 seconds from the start of pressing

W: sample weight

2. The sealing sheet according to claim 1, wherein the core film is a plastic film.

3. The sealing sheet according to claim 1, wherein a substrate sheet is laminated on one surface of the adhesive sheet.

4. The sealing sheet according to claim 3, wherein the substrate sheet is a fluororesin sheet.

5. The sealing sheet according to claim 1, wherein the adhesive layer comprises a polyoxyalkylene adhesive.

6. The sealing sheet according to claim 1, wherein the adhesive layer is a flame retardant-containing adhesive layer.

7. The sealing sheet according to claim 6, wherein the flame retardant-containing adhesive layer is a cured product layer of a composition comprising the following components A - D.

A: a polyoxyalkylene polymer having at least one alkenyl group in one molecule

B: a compound containing two or more hydrosilyl groups on average in one molecule

C: a hydrosilylation catalyst

D: a flame retardant.

8. The sealing sheet according to claim 6, wherein the flame retardant is a halogen-free flame retardant.

9. The sealing sheet according to claim 8, wherein the halogen-free flame retardant is a phosphorus flame retardant.

10. The sealing sheet according to claim 1, wherein the adhesive layer comprises a tackifier resin.

CLAIMS

1. A sealing sheet mainly composed of an adhesive sheet comprising a core film having a water vapor transmission rate of less than 7.5 g/100 sq. in 24 hr as measured by a method according to JIS Z 0208, and a Relaxation rate of not less than 10% as measured by the following bending-stress relaxation rate measurement test, and an adhesive layer formed on both surfaces of the core film:
[bending-stress relaxation rate measurement test]
(1) a core film is cut into a tape (width 20 mm, length 100 mm), the tape is rolled to form a loop with one surface thereof being inside, one end (10 mm) of the rolled tape is laid on top of the other and fixed with an adhesive tape to give a loop sample,
(2) the loop sample is put on a balance, and pressed with a flat plate surface of the jig such that the distance between the flat plate surface and the balance is 20 mm to deflect the loop sample, and
(3) from the start of pressing, the weight of the loop sample is measured by the balance, a ratio of the weight of the loop sample at 60 seconds from the start of pressing to the weight of the loop sample at 0 second therefrom is calculated based on the following calculation formula, and the obtained rate is taken as the relaxation rate.
relaxation rate (%)=(1-(F60-W)/(F0-W))×100
F0: weight at 0 second from the start of pressing
F60: weight at 60 seconds from the start of pressing
W: sample weight,
and
wherein the core film is a nonporous plastic film having a thickness of not more than 45 μm.

2. The sealing sheet according to claim 1, wherein a substrate sheet is laminated on one surface of the adhesive sheet.

3. The sealing sheet according to claim 2, wherein the substrate sheet is a fluororesin sheet.

4. The sealing sheet according to claim 1, wherein the adhesive layer comprises a polyoxyalkylene adhesive.

5. The sealing sheet according to claim 1, wherein the adhesive layer is a flame retardant-containing adhesive layer.

6. The sealing sheet according to claim 5, wherein the flame retardant-containing adhesive layer is a cured product layer of a composition comprising the following components A - D.

A: a polyoxyalkylene polymer having at least one alkenyl group in one molecule

B: a compound containing two or more hydrosilyl groups on average in one molecule

C: a hydrosilylation catalyst

D: a flame retardant.

7. The sealing sheet according to claim 5, wherein the flame retardant is a halogen-free flame retardant.

8. The sealing sheet according to claim 7, wherein the halogen-free flame retardant is a phosphorus flame retardant.

9. The sealing sheet according to claim 1, wherein the adhesive layer comprises a tackifier resin.