Claims

1. A sealable resin sheet for sealing an element, the sealable resin sheet containing thermosetting resin and a layered silicate compound,

wherein a lower limit of a content ratio of the layered silicate compound in the sealable resin sheet is 2 mass%, and

wherein a ratio ($\eta^*_{\text{MIN at 80 to 120°C}}/\eta^*_{\text{at 50°C}}$) of a lowest complex viscosity $\eta^*_{\text{MIN at 80 to 120°C}}$ at 80°C to 120°C to a complex viscosity $\eta^*_{\text{at 50°C}}$ at 50°C is 0.170 or more when the complex viscosity $\eta^*$ of the sealable resin sheet is evaluated in a dynamic viscoelastic measurement [1] with respect to temperature variance under conditions of:

a temperature of 50°C to 150°C,

a frequency of 1 Hz,

a rate of rise in the temperature of 10°C/min, and

a mode of shear.

2. The sealable resin sheet according to Claim 1, wherein a temperature T corresponding to a second lowest complex viscosity $\eta^*_{\text{MIN at 50 to 150°C}}$ at a temperature within a range of 50°C to 150°C is within a range of 80°C to 120°C in the dynamic viscoelastic measurement [1] with respect to temperature variance.

3. The sealable resin sheet according to Claim 2, wherein a ratio (G''/G') of a loss shear elastic modulus G'' to a storage shear elastic modulus G' at the temperature T is 0.4 or less.

4. A sealable resin sheet for sealing an element, the sealable resin sheet containing thermosetting resin and a layered silicate compound,

wherein a lower limit of a content ratio of the layered silicate compound in the sealable resin sheet is 2 mass%, and

wherein a ratio ($H^*_{\text{at 10 Hz}}/H^*_{\text{at 0.01 Hz}}$) of a complex viscosity $H^*_{\text{at 10 Hz}}$ at a frequency of 10 Hz to a complex viscosity $H^*_{\text{at 0.01 Hz}}$ at a frequency of 0.01 Hz is 0.0020

or less when the complex viscosity $H^*$ of the sealable resin sheet is evaluated in a dynamic viscoelastic measurement [2] with respect to frequency variance under conditions of:

a temperature of 90°C,

a frequency of 0.01 Hz to 10 Hz, and

a mode of shear.

5. The sealable resin sheet according to Claim 4, wherein a temperature T corresponding to a second lowest complex viscosity $\eta^*_{MIN\ at\ 50\ to\ 150°C}$ at a temperature within a range of 50°C to 150°C is within a range of 80°C to 120°C in the dynamic viscoelastic measurement [1] with respect to temperature variance.

6. The sealable resin sheet according to Claim 5, wherein a ratio (G''/G') of a loss shear elastic modulus G'' to a storage shear elastic modulus G' at the temperature T is 0.4 or less.