CLAIMS

1. A bonding sheet (10) comprising:

a pair of bonding agent layers (11,12) being formed using a resin composition and facing each other; and

a plurality of thermal conductors (13) each having a linear shape, one end of each of the plurality of thermal conductors (13) being covered with one of the pair of bonding agent layers (11,12), another end of each of the plurality of thermal conductors (13) being covered with another of the pair of bonding agent layers (11,12), wherein

the resin composition contains:

a component (A): a thermosetting resin,

a component (B): a thermoplastic resin having a glass transition temperature of 50°C or more, and

a component (C): a thermoplastic resin having a glass transition temperature of less than 50°C.

2. The bonding sheet (10) according to claim 1, wherein

the component (A) is one or more resins selected from epoxy resins, cyanate ester resins, phenol resins, bismaleimide-triazine resins, polyimide resins, acrylic resins, and vinylbenzyl resins.

3. The bonding sheet (10) according to claim 1, wherein

the component (B) is one or more resins selected from phenoxy resins, polyvinyl acetal resins, polyimide resins, polyamideimide resins, polyethersulfone resins, polysulfone resins, polyester resins, and (meth)acrylic polymers, all of which have a glass transition temperature of 50°C or more.

4. The bonding sheet (10) according to claim 1, wherein

the component (C) is one or more resins selected from phenoxy resins, polyvinyl acetal resins, polyimide resins, polyamideimide resins, polyethersulfone resins, polysulfone resins, polyester resins, and (meth)acrylic polymers, all of which have a glass transition temperature of less than 50°C.

5. The bonding sheet (10) according to claim 1, wherein

the plurality of thermal conductors (13) are carbon fibers.

6. A heat dissipation member (2) comprising:

a heat dissipation component (20); and

a bonding sheet (10) being bonded to the heat dissipation component (20), wherein

the bonding sheet (10) includes:

a pair of bonding agent layers (11,12) being formed using a resin composition and facing each other, and

a plurality of thermal conductors (13) each having a linear shape, one end of each of the plurality of thermal conductors (13) being covered with one of the pair of bonding agent layers (11,12), another end of each of the plurality of thermal conductors (13) being covered with another of the pair of bonding agent layers (11,12), and

the resin composition contains:

a component (A): a thermosetting resin,

a component (B): a thermoplastic resin having a glass transition temperature of 50°C or more, and

a component (C): a thermoplastic resin having a glass transition temperature of less than 50°C.