HEAT-RESISTANT THERMALLY CONDUCTIVE COMPOSITION AND HEAT-RESISTANT THERMALLY CONDUCTIVE SHEET

ABSTRACT

A heat-resistant thermally conductive composition contains a matrix resin and thermally conductive particles, and contains a benzimidazolone compound as a heat resistance improver. Preferably, the benzimidazolone compound is a benzimidazolone pigment and is added in an amount of 0.001 to 5 parts by mass with respect to 100 parts by mass of the heat-resistant thermally conductive composition. Preferably, the matrix resin component is a silicone polymer. Preferably, the heat-resistant thermally conductive composition has an Asker C hardness of 70 or less after curing. With these, provided are a heat-resistant thermally conductive composition and a heat-resistant thermally conductive sheet that use the heat resistance improver containing no metal atom and that are less likely to become hard at high temperature.

Fig. 1A