AR3

Auxiliary Request 3 - CLAIMS

1. A fiber-reinforced resin molding material which is a molding material containing at least the following components (A) to (C), characterized in that the fiber-reinforced resin molding material has a weight loss on heating, when being heated at 300°C for 10 minutes ~~either~~ in a nitrogen atmosphere ~~or~~ and in an air atmosphere, of 1.5% or less, and an antioxidant (D) is added at 1.0% by weight or more.

(A) an amorphous thermoplastic resin: 100 parts by weight

(B) a reinforcement fiber: 4 to 60 parts by weight

(C) a phosphorus-based flame retardant: 20 to 60 parts by weight

wherein the glass transition temperature of the fiber-reinforced resin molding material is different to the glass transition temperature of the amorphous thermoplastic resin (A) as measured according to JIS K7121 with a differential scanning calorimeter at a heating rate of 20 °C/min,

and wherein a total amount of amorphous thermoplastic resin is 100 parts by weight.

2. The fiber-reinforced resin molding material according to claim 1, wherein the antioxidant (D) is a mixture of a sulfur-based antioxidant and a hindered phenol-based antioxidant.

3. The fiber-reinforced resin molding material according to claim 1 or 2, wherein the antioxidant (D) is added at 2.0% by weight or less.

4. The fiber-reinforced resin molding material according to any one of claims 1 to 3, wherein a moisture content is 0.02% or less.

5. The fiber-reinforced resin molding material according to any one of claims 1 to 4,