CLAIMS

[Claim 1]

A refrigerator, comprising:

a refrigerator body having an open front face and including at least one compartment; and

a door unit covering an opening of the at least one compartment in such a manner as to allow the opening to be opened and closed,

the door unit including

a frame part shaped in a rectangular shape,

an inner plate that closes an open face of the frame part, the open face being located close to the at least one compartment,

a decorative plate that closes an open face of the frame part, the open face being located close to a front face of the refrigerator,

a heat insulator provided in a space tightly closed by the frame part, the inner plate, and the decorative plate, and

hot-melt adhesive that bonds the frame part and the decorative plate to each other, the hot-melt adhesive being solidified with moisture and not melting with heat once solidified.

[Claim 2]

The refrigerator of claim 1,

wherein the frame part includes an outer frame part forming peripheral sides of the frame part, and a bonding surface part extending along a periphery of the outer frame part,

wherein the hot-melt adhesive is provided on the bonding surface part along a periphery of the frame part, and

wherein the bonding surface part and the decorative plate are bonded to each other with the hot-melt adhesive.

[Claim 3]

The refrigerator of claim 2, wherein the bonding surface part has a width of 10 mm or greater and 30 mm or smaller.

[Claim 4]

The refrigerator of claim 2 or 3, wherein the hot-melt adhesive includes an extended part projecting from a distal end of the bonding surface part.

[Claim 5]

The refrigerator of any one of claims 1 to 4, wherein the hot-melt adhesive has a thickness of 0.2 mm or greater and 0.3 mm or smaller.

[Claim 6]

A method of manufacturing the refrigerator of claim 2, wherein the hot-melt adhesive is applied to the bonding surface part in such a manner as to form a string of beads along the periphery of the outer frame part, an overlapping part is formed by overlapping a start point from which the hot-melt adhesive is applied and an end point to which the hot-melt adhesive is applied each other at a middle part of any one of sides, and the bonding surface part and the decorative plate are bonded to each other by press-bonding the decorative plate to the bonding surface part in such a manner that the hot-melt adhesive is squashed.

[Claim 7]

The method of manufacturing the refrigerator of claim 6, wherein the overlapping part is formed with a length that is half a width of the bonding surface part or smaller.