WHAT IS CLAIMED IS:

1. A molding die comprising:

an upper die; and

a lower die, wherein

the upper die is capable of adsorbing an object to be molded,

the lower die includes a lower die bottom member, a lower die side member, and molding object drop prevention block,

a lower die cavity is formed by a space surrounded by the lower die bottom member and the lower die side member,

the molding object drop prevention block is provided on a part of an end portion of the lower die side member facing the lower die cavity, is movable up and down, and is in contactable with the object to be molded, and

a side surface of the object to be molded is accommodated in a cavity formed of the upper die and the lower die at the time of clamping the upper die and the lower die.

2. The molding die according to claim 1, wherein the molding object drop prevention block is attached to the lower die side member with an elastic member.

3. The molding die according to claim 1 or 2, wherein the lower die side member includes a release film holding portion capable of holding a release film on the outer side of the molding object drop prevention block.

4. A resin molding apparatus comprising the molding die according to any one of claims 1 to 3.

5. A method for producing a resin molded product, comprising:

depressurizing, using the molding die according to any one of claims 1 to 3 or the resin molding apparatus according to claim 4, the inside of the lower die cavity in a state where an object to be molded is adsorbed to the upper die and the molding object drop prevention block is in contact with the object to be molded;

clamping the upper die and the lower die; and

resin molding the object to be molded using the lower die cavity, wherein

a side surface of the object to be molded is accommodated in a cavity formed of the upper die and the lower die in clamping the upper die and the lower die.

6. The method according to claim 5, wherein the depressurizing is performed in a state where the object to be molded is supported by the molding object drop prevention block and the upper die.

7. The method according to claim 5 or 6, further comprising causing the release film holding portion to hold a release film, wherein

the molding die is the molding die according to claim 3, and

the depressurizing is performed in a state where the release film holding portion holds the release film.