CLAIMS

1. A release film for production of a ceramic green sheet, the release film comprising:

a polyester film; and

a release layer laminated on at least one surface of the polyester film directly or with another layer interposed between the polyester film and the release layer, the release layer having a thickness of 0.2 to 3.5 μm,

wherein the release layer has a surface having area surface roughness (Sa) of 5 to 40 nm and a maximum peak height (Rp) of 60 nm or less; and

wherein the release layer is obtained by curing a coating film containing at least:

an energy ray-curable compound (I) having 3 or more reactive groups in one molecule and being a sea component in the release layer to be obtained;

a resin (II) being incompatible with the energy ray-curable compound (I) and being an island component in the release layer to be obtained; and

a release component (III).

2. The release film for production of a ceramic green sheet according to claim 1, wherein the compound (I) is an

energy ray-curable monomer having 3 or more (meth)acryloyl groups in one molecule; and

the resin (II) is a polyester resin, an acrylic resin, a urethane resin, a polyester urethane resin, a polyimide-based resin, a polyamide imide-based resin, or a cellulose-based resin.

3. The release film for production of a ceramic green sheet according to claim 1 or 2, wherein the release layer is substantially free of an inorganic particle.

4. The release film for production of a ceramic green sheet according to any one of claims 1 to 3,

wherein:

the polyester film is a laminated polyester film including two or more layers including at least a surface layer A and a surface layer B opposite to the surface layer A;

the release layer is laminated on the surface layer A; and

the surface layer A is substantially free of an inorganic particle.

5. The release film for production of a ceramic green

sheet according to claim 4,

wherein:

the surface layer B contains a particle;

the particle is a silica particle and/or a calcium carbonate particle; and

a total content of the particle is 5000 to 15000 ppm based on a total mass of the surface layer B.

6. The release film for production of a ceramic green sheet according to any one of claims 1 to 3,

wherein:

the polyester film is substantially free of an inorganic particle; and

a coating layer containing a particle is laminated on a surface of the polyester film on which the release layer is not laminated.

7. A method for producing a ceramic green sheet,

the method comprising forming the ceramic green sheet using the release film for production of a ceramic green sheet according to any one of claims 1 to 6,

wherein the formed ceramic green sheet has a thickness of 0.2 μm to 1.0 μm.