CLAIMS

1. A release film for production of a ceramic green sheet, wherein

a biaxially-oriented polyester film is used as a substrate,

the release film has a release layer on at least one surface of the substrate,

the release layer is obtained by curing a composition containing a release agent and a melamine-based compound, and

the release agent comprises polyorganosiloxane containing a carboxyl group,

at least an opposite surface layer of the substrate to the release layer is obtained by melting and extruding method, and

a thickness of the release layer is 0.02 μm to 0.5 μm.

2. The release film for production of a ceramic green sheet according to claim 1, wherein the melamine-based compound contains one or more of at least one kind selected from a group consisting of a methylol group or a ($-CH_2-OR$) group (wherein R is a 1-4C alkyl group) in one molecule.

3. The release film for production of a ceramic green sheet according to claim 1 or 2, wherein the melamine-based compound contains at least one kind selected from a group consisting of a hexamethylol melamine or a hexaalkoxymethyl melamine.

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

a surface layer A which does not substantially contain inorganic particles on at least one surface of the substrate;

the release layer on the surface layer A directly or via another layer; and

a surface layer B on a surface of the substrate opposite to the surface layer A,

wherein the surface layer B contains particles,

at least a part of the particles are silica particles and/or calcium carbonate particles, and

a total content of the particles with respect to a mass of the surface layer B is 5000 ppm to 15000 ppm.

5. A method for producing a ceramic green sheet, in which a ceramic green sheet is formed by using the release film for production of a ceramic green sheet according to any one of claims 1 to 4, wherein the formed ceramic green sheet has a thickness of 0.2μm to 1.0 μm.

6. A method for producing a ceramic capacitor, which adopts the method for producing a ceramic green sheet according to claim 5.