CLAIMS

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

a polyester film substantially containing no inorganic particles as a substrate;

a release coating layer on one surface of the substrate; and

an easy-to-slip coating layer containing particles on other surface of the substrate,

wherein:

the easy-to-slip coating layer is obtained by curing a composition containing a binder resin and at least one cross-linking agent selected from an oxazoline-based cross-linking agent or a carbodiimide-based cross-linking agent;

the easy-to-slip coating layer has an average area surface roughness (Sa) of 1 nm or more and 25 nm or less, a maximum protrusion height (P) of 60 nm or more and 500 nm or less, and an average length (RSm) of a roughness curve element of 10 μm or less; and

a single film of a mixture composition comprising a resin and a cross-linking agent both used in the easy-to-slip coating layer has a Martens hardness (HM) of 150 N/mm^2 or more and a ratio of elastic to total work (ηit) of 28% or more.

2. The release film for producing a ceramic green sheet according to claim 1, wherein the binder resin contains an acrylic resin.

3. The release film for producing a ceramic green sheet according to claim 1 or 2, wherein the easy-to-slip coating layer has a thickness of 0.001 μm or more and 2 μm or less.

4. A method for producing a ceramic green sheet using the release film for producing a ceramic green sheet according to any one of claims 1 to 3.

5. The method for producing a ceramic green sheet according to claim 4, wherein the ceramic green sheet to be produced has a thickness of 0.2 μm or more and 2.0 μm or less.

6. A method for producing a ceramic capacitor, wherein the method for producing a ceramic green sheet according to claim 4 or 5 is employed.