

ABSTRACT

It is an object of the present invention to provide an excellent release film for producing a ceramic green sheet, which can achieve both prevention of pinholes and partial thickness variation and the like and reduction of unwinding electric charge even when the ceramic green sheet is reduced in thickness.

A release film for producing a ceramic green sheet, the release film includes: 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. 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. 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/mm² or more and a ratio of elastic to total work (η_{it}) of 28% or more.