

POLYVINYL ACETAL RESIN

ABSTRACT

5 The present invention provides a polyvinyl acetal resin which leaves less fine undissolved matter when dissolved in an organic solvent and thus can improve productivity particularly when used as a binder for a ceramic green sheet, and which can also provide a ceramic
10 green sheet having excellent toughness and enables production of a highly reliable multilayer ceramic capacitor. Provided is a polyvinyl acetal resin having: a wavenumber A (cm^{-1}) of a peak within a range of 3,100 to 3,700 cm^{-1} in an IR absorption spectrum measured using an
15 infrared spectrophotometer; and a hydroxy group content (mol%), the wavenumber A of the peak and the hydroxy group content satisfying relations of the following formulas (1) and (2):

$$\begin{aligned} &[(3,470 - A)/\text{Hydroxy group content}] \leq 5.5 \quad (1) \\ &(3,470 - A) \leq 185 \quad (2) \end{aligned}$$

20 wherein A is a wavenumber which is lower than 3,470 cm^{-1} and at which a transmittance a (%) satisfying $[100 - (100 - X)/2]$ is exhibited, where X (%) is a minimum transmittance of the peak within the wavenumber range of 3,100 to 3,700
25 cm^{-1} .

[No Suitable Figure]