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(57) Abstract :

A process for the 'film forming and gelling composition for Pharmaceutical Hard Capsules" comprises the following steps. A. Adding film forming polymer (4-15% w/v) polyvinyl. Pyrrolidone, (grade 30k), polyvinyl alcohol (molecular weight 60,000), sodium carboxy methyl cellulose, sodium Alginate or Tamarind seed polysaccharide to water. B. Stirring with a mechanical stirrer to dissolve C. Heating to 70 - 80°C. D. Dissolving agar (1-3% w/v) in the above solution E. Determining the setting point. F. Keeping the solution at a temperature of 5 to 10°C above the setting point. G. Gently dipping the mould pin in the solution and withdraw. H. Blowing cool air over the pin so as to set the solution firmly on the pins. I. Drying the pins at 60-70°C. J. Removing the capsules from mould pins.

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