

SMS C300

Carrier starch for Corrugated board adhesive



SMS C300 is a modified tapioca starch product, applied in a corrugated board adhesive formulations. SMS C300 is suitable for use on single facer and double backer for all types of corrugated board and glue kitchen

Easily dissolved

Easy dissolving character as peak viscosity during dissolution is low.

Stable viscosity

Stable viscosity gives a more consistent operate on the machine and a better board quality.

Good water retention

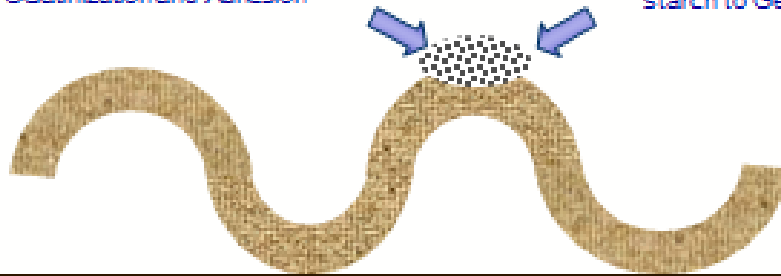
Good water retention which leads to better bonding strength.

Less consumption

Less consumption of glue due to better distribution allowing good bond strength with less glue.

Most of the Water is Retain in the Adhesive, for Maximum Gelatinization and Adhesion

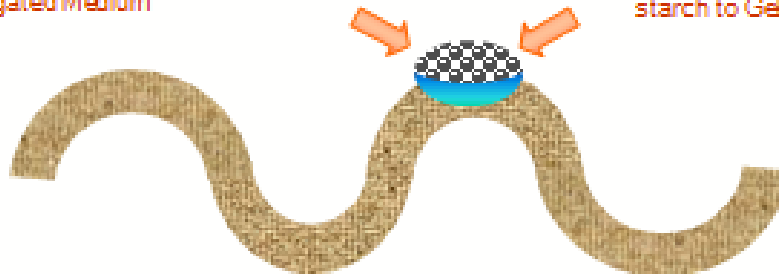
Sufficient water for starch to Gelatinize



MODIFIED STARCH CARRIER

Most of the Water is absorbed by the Corrugated Medium

Insufficient water for starch to Gelatinize



NATIVE STARCH CARRIER

- Without SMS C300, some part of water in the glue is absorbed by medium (unsize) paper, resulted in lower amount of water to cook starch in the glue.
- Starch is not cooked completely, thus effect to less bonding of glue on the paper.
- So the customer needs to put more amount of glue to compensate with the low bonding efficiency of glue in order to get enough bonding of liner to the flute.
- This results in the high glue consumption, which could be reduced by using SMS C300.