Collosil® 706

Special glue based on dextrines with additives
Free from boron containing compounds!

Chemical description

Collosil 706 is a ready to use special glue based on an aqueous solution of dextrines combined with tackifiers, setting accelerators and fillers without any boron containing ingredients.

Mode of action

Collosil 706 is applied and drawn down onto the paper web without any additive whatever. Due to the optimized composition excellent wetting of the paper surface and good runnability of the winding or glueing apparatus as well as high initial and final strengths are achieved.

Specification (average values)

Solids content:	approx. 58,0 %	007 *)
Density (20°C):	approx. 1,49 g/cm³	042 *)
pH value:	approx. 12,2	008 *)
Viscosity (20°C):	approx. 1.100 mPas	053 *)
Odour:	characteristic	
Solubility:	miscible with water	
Appearance:	beige liquid	

*) *Internal method code – description available on request*

Properties

- Free from Boron containing compounds!
- nontoxic and ecocompatible,
- solvent free (no VOC),
- good and equal wetting of the paper surfaces,
- good penetration in sized and unsized paper board,
- structural viscosity behaviour,
- good initial tack,
- high final strength of tubes and other products,
- imparts high stability to finished tubes, drums etc.,
- susceptible to frost.

Application

Collosil 706 is applied for glueing paper and board in the production of high grade tubes, textile cones, cores and drums.
Collosil 706 is usually applied as delivered; it may be diluted with small amounts of water. It is used in immersion and cascade sizing techniques. Properly applied the freshly produced objects will contain fairly low humidity.
Application of warm product (35 – 40 °C) will result in an even quicker tack.

Storage	Collosil 706 must be protected from frost (> 5°C). Storage stability in closed receptacles at least 3 months.
Labelling / Safety	Please see safety data sheet.
Packaging	Road tanker

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Wöllner GmbH . Wöllnerstr. 26 . D-67065 Ludwigshafen
Phone +49 (0)6 21/54 02-0 . Fax +49 (0)6 21/54 02 -411
Email info@woellner.de