

Collosil[®] 136

Process chemical for the Pulp and Paper industry

Chemical description

Collosil 136 is a modified alkali silicate solution.

Mode of action

Collosil 136 is applied and drawn down direct without any additive whatever onto the paper web. It can be used in parallel and spiral winding.

Specification (average values)

Density (20°C):	approx. 1,33 g/cm ³	042 *)
pH (10 % in water):	approx. 11,3	008 *)
Viscosity (20°C):	approx. 40 mPas	053 *)
Appearance:	colourless liquid	

*) Internal method code – description available on request

Properties

- Stable, alkaline liquid,
- Readily wets paper webs,
- Good penetration in sized and unsized paper board,
- Excellent adhesion on parallel-wound and spiral-wound paper webs,
- Imparts very good strength in the final tubes,
- Nontoxic,
- Noncombustible,
- Does not give rise to any COD load in the water circuit during recycling.

Application

Collosil 136 is used for bonding paper and paper board.

Storage

Collosil 136 must be protected from frost and must not be stored in aluminium or galvanized containers. The containers must be kept tightly closed.

Labelling / Safety

Not classified as dangerous according to EC Guidelines and German Ordinance on Hazardous Materials (GefStoffV).

Packaging

Container
Road tanker

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