

# ® Celvolit 1426

TDS

ISSDATE 08/2010

## Characteristics

Celvolit 1426 is an unplasticized copolymer emulsion of vinyl acetate and ethylene.

## Stability system

Surfactants and protective colloids.

## General

Celvolit 1426 is specially designed for emulsion polymer isocyanate wood glue application, when formulated adhesive compounding with isocyanate hardener, it provides excellent bonding strength, boiling water resistance, and fast setting speed.

When Celvolit 1426 is dried at temperatures above 0°C, the dispersion forms a slightly opaque, soft film without the addition of solvents or plas-

ticizers.

Celvolit 1426 is compatible with a variety of plasticizers, solvents, fillers and other modifiers.

Recommended application areas include:

- EPI(Emulsion Polymer Isocyanate) wood glue;
- Textile printing coating

PRODUCT SPECIFICATION	METH*	UNT	Value
Solids content	ISO 3251	%	54.0-56.0
Brookfield viscosity(Spindle nr 2/20rpm/25°C, BVF RVT)	ISO 2555	mPas	100-1,200
pH value	ISO 976		4.0-5.0

TYPICAL PROPERTIES	METH*	Unit	Value
Particle size		µm	Approx. 0.18
Minimum film forming temperature(MFFT)	ISO 2115	°C	approx. 0
Glass transition temperature(Heat rate 10°C/min,middle point)	ISO 16805	°C	approx. 12
Appearance of polymer film			Slightly opaque, soft film.

## Preservation and storage

When the dispersion is manufactured a preservative is added to prevent the growth of microorganisms.

Nevertheless, unfavorable storage conditions may cause risks of microbial contamination. Storage tanks and pipe work should therefore be kept adequately clean.

Celvolit 1426 should not be stored for longer than six months, at a storage temperature between 5 and 35°C. The emulsion must be protected from frost and from direct exposure to sunlight.

To ensure safe storage of Celvolit 1426, containers should be well sealed to prevent evaporation of water and the formation of skin on the surface, the technical properties of the emulsion may change as a result.

## Industry safety and environmental protection

Celvolit 1426 is water-based and not classified as a hazardous substance within the meaning of the current Dangerous Substances Regulations. Nevertheless general safety precautions in the processing of polymer dispersions should be observed. Protective gloves and goggles should be worn and working areas should be adequately ventilated.

A safety data sheet is available on request.

## Commitment to quality

It is our policy to provide defect free products the first time and every time and to provide services to meet our customers' needs.

Our quality philosophy calls upon all employees to strive for continuous improvement through the quality improvement process and sets a zero defect goal as the only acceptable level of performance.