

TECHNICAL DATA SHEET



CMT-10

THICKENER FOR TEXTILE PRINTING

DESCRIPTION:

PHYSICAL APPEARANCE.	LIGHT CREAM POWDER.
IONIC NATURE.	ANIONIC.
CHEMICAL NATURE.	XYLOGLUCAN POLYSACCHARIDE DERIVATIVES.
SOLUBILITY.	COLD WATER SOLUBLE

FEATURES:

COCENTRATION.	10%.
MOISTURE.	12 % Max.
VISCOSITY.	55000 CPS At 25°C +/- 5000
ACTIVE MATTER.	80-85% ON DRY BASIS.
P.H.	9.5TO10.5 or (6 - 8)
COMPATIBILITY WITH OTHER TYHICKENERS.	GOOD WIYH ALL THICKENERS EXCEPT CRYSTAL GUM SAND GUM ARABIC.

CHARACTERISTICS:

- ❖ Rapid Viscosity development.
- ❖ High Color Yield.
- ❖ Sharp and Level prints.
- ❖ Good print paste stability under normal conditions.
- ❖ Good wash-off property.
- ❖ No hard feel.

APPLICATION:

- CMT 10 is particularly suggested for synthetic yarn printing (polyester, poly amide, etc.) and provides good results on wool, silk artificial and cellulosic fibers.
- It can be used in Roller, Flat bed or Rotary screen printing with following classed of dyestuffs.
 - ❖ Acid
 - ❖ Disperse
 - ❖ Chrome
 - ❖ Cationic
 - ❖ Indigosal
 - ❖ Vat, Rapidogen and Neutogen
 - ❖ Aniline black.
 - ❖ Neutral and Alkaline discharge.

PREPARATION:

10 Kgs of CMT 10 are dissolved into 90 Kgs. of water with efficient stirring. Subsequently being boiled for 20-30 minutes.

CMT 10 Paste can be prepared at room temperature but as it is well known, boiling improves printing behaviors of every kind of Thickening agent. Stop stirring when the paste reaches 50-60°C in order to avoid including air bubbles in the thickening.

PACKING:

25 Kgs. of laminated paper bags with liner inside.

STORAGE:

Sealed bag under normal condition for 6 months.