

## TECHNICAL DATA SHEET



### CMT-8

#### THICKENER FOR TEXTILE PRINTING

#### DESCRIPTION:

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

#### FEATURES:

COCENTRATION.	8%.
MOISTURE.	12 % Max.
VISCOSITY.	35000 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 8 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:**

8 Kgs of CMT 8 are dissolved into 92 Kgs. of water with efficient stirring. Subsequently being boiled for 20-30 minutes.

CMT 8 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.