

TECHNICAL DATA SHEET



GG-4

THICKENER FOR TEXTILE PRINTING

DESCRIPTION:

PHYSICAL APPEARANCE.	Free Flowing Ivory White off White Creamish
IONIC NATURE.	NON IONIC.
CHEMICAL NATURE.	GALACTOMANNOSE DERIVATIVES.
SOLUBILITY.	COLD WATER SOLUBLE.

FEATURES:

CONCENTRATION.	4%.
MOISTURE.	12% Max.
VISCOSITY.	25000 CPS At 25°C. ± 3000 CPS
ACTIVE MATTER.	80-85% ON DRY BASIS.
P.H.	6 TO 8 or (9.5 - 10.5)
COMPATIBILITY WITH OTHER THICKENERS.	GOOD WITH ALL THICKENERS EXCEPT CRYSTAL GUMS AND 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:

- GG-4 is particularly suggested for synthetic yarn printing (polyester, polyamide, etc.) and provides good results cellulosic fibers.
- It can be used in Roller, Flat bed or Rotary screen printing with following classed of dyestuffs.
 - ❖ Rapid fast
 - ❖ Reactive
 - ❖ Direct vat
 - ❖ Indigosal
 - ❖ Rapidogen
 - ❖ Disperse

PREPARATION:

4 Kgs of GG-4 are dissolved into 96 Kgs. Of water with efficient stirring. Subsequently being boiled for 20-30 minutes.

GG-4 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 50-60⁰c in order to avoid including air bubbles in the thickening.

PACKING:

25 Kg. of laminated paper bags.

STORAGE:

Sealed bag under normal condition for 6 months.