



CAMATHICK PTR Conc.



Synthetic Thickener for Reactive Printing

SALIENT FEATURES

- ▶ Generates high viscosity
- ▶ Easy to disperse & fast viscosity build – up
- ▶ Does not require very high speed stirring
- ▶ Gives smooth swelling & homogeneous blend
- ▶ Have Pseudoplastic property to give excellent print definition
- ▶ No clogging of screens even in finer mesh & high speed
- ▶ Excellent brightness, levelness
- ▶ Better quality Prints than conventional thickeners
- ▶ Higher colour yield observed with majority of dyestuffs
- ▶ Excellent stability of stock thickening paste with all chemicals added
- ▶ No cooking / heating required. Only mild stirring is sufficient
- ▶ Environmentally friendly product
- ▶ APEO / NPEO, Formaldehyde free

CHARACTERISTICS

Appearance	: Off – white pourable viscous liquid
Chemical Nature	: Polymeric compound
Dispersibility	: Excellent with water in all proportions
pH	: 7.5 ± 0.2
Compatibility	: Excellent with all reactive printing ingredients

APPLICATION

Substrate	: Cellulosic fabric
Machines	: Printing equipments & machines
Function	: Thickener in Reactive Printing
Guide Recipes	: (1) <i>Preparation of Stock Paste</i> – (for fixation by ageing)

Camathick PTR Conc	4.0 – 4.5 parts
Sodium bicarbonate	3.0 – 3.5 parts
Resist Salt	1.0 – 2.0 parts
Urea	5.0 – 8.0 parts

Bulk with water to	100 parts

Preparation of Print Paste –

Camex Dyestuff	X parts
Water (To paste the dye)	5 – 10 parts
Stock Paste	85 – 90 parts

Bulk	100 parts

Print – dry – steam at 102⁰C for 8-10 minutes – wash off



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(2) Preparation of Stock Paste – (for fixation by silicate)

Camathick PTR Conc	4.0 – 4.5 parts
Resist Salt	1.0 – 2.0 parts
Urea	5.0 – 8.0 parts

 Bulk with water to 100 parts

Preparation of Print Paste –

Camex Dye stuff	X parts
Water (To paste the dye)	5 – 10 parts
Stock Paste	85 – 90 parts

 Bulk 100 parts

Print – dry – silicate pad – dwell for minimum of 12 hours – wash off

SPECIAL REMARKS

Storage Stability

: Minimum 6 months under standard conditions of storage. Avoid heat, sunlight & moisture

Container

: 50 kg HDPE barrels

Disclaimer: All recommendations for the use of our products, whether given by us in writing, orally or to be implied from the results of trials, are based on our present state of knowledge & experience. Owing to the variation in local application conditions, they can not be claimed to be complete. Hence, we can not accept any responsibility thereof. All claims, liabilities – also with a view to claim of third parties – are excluded. It is advised to conduct lab & bulk trials before using in bulk production.