



Speciality Chemicals for Textiles

NOVATEX[®] PCR-N

Dispersant and Protective Colloid

Prevents the precipitation and deposition of water insoluble Impurities and dyestuff agglomerates in textile wet processing of cotton, polyester

Sequestering action

NOVATEX PCR-N functions as a strong sequestering agent on metal impurities By strong dispersing action on metals.

The dispersing and disaggregating capacities of NOVATEX PCR-N prevent the precipitation and re-depositing of impurities onto the fibers during rinsing.

NOVATEX PCR-N disperses cotton impurities during vat dyeing. After the polyester component of cotton has been dyed, impurities from the cotton, which are soluble in acid media, form precipitates in the alkaline vat .

NOVA TEX PCR-N is low foaming and has no

affinity for anionic dyes.

Because of its protective colloid effect and its complexing action on calcium ions in alkaline liquors. NOVATEX PCR-N is especially suitable for use in the dyeing of cotton with vat dyes.

APPLICATION:

Cotton Bleaching:

During Prescouring of cotton and cotton blends, impurities from greige cotton need to be removed to ensure proper access of the dyeing liquor to the fiber during bleaching.

Introduction : NOVATEX PCR-N prevents the precipitation and deposition of water insoluble impurities and dyestuff agglomerates in textile wet processing. It is especially effective against insoluble cotton impurities, hard water, and re-oxidized vat dyes, oligomers during polyester dyeing, prevents soil redeposition during scouring, bleaching etc.

Technical Specifications:

Nature : Organic compound, anionic

Appearance : Hazy liquid

Solubility : Can be diluted with water in all proportions.

pH : Approximately 8 (product as is)

Stability :

NOVATEX PCR-N is stable to acids, alkalis and electrolytes in the concentration normally used in dyeing liquors.

Always shake the container before use

Application :

NOVATEX PCR-N is applied in the prescouring, dyeing and soaping of polyester, cotton or blends. During Prescouring of cotton and cotton blends, impurities from greige cotton need to be removed to ensure proper access of the dyeing liquor to the fiber.

Novatex PCR-N for Bleaching :

Novatex WT Conc	: 0.5 – 0.75 %
*Spectralube Liq	: 0.5 - 1 %
Novatex PCR-N	: 0.5 - 1 %
**Novatex HPST	: 0.5 %
NaOH	: 2 %
Hydrogen Peroxide	: 2 – 5%

Dyeing Polyester/Cotton blends :

After Polyester dyeing impurities which are insoluble in acid media precipitate in alkaline vat .

Novatex PCR – R prevents any precipitation and is most suited during vat dyeing.

Novatex PCR –N : 0.5 – 1gpl

Dyeing cotton with Vat Dyes :

Novatex PCR-N complexes calcium in alkaline solutions.

It thus prevents any precipitation in alkaline vat dyeing.

Recommended dosage for Vat Dyeing :

Novatex PCR –N : 0.5 – 1gpl

AfterSoaping of cotton with reactive dyes :

NOVATEX PCR-N can be used during after-soaping for superior results.

NOVATEX PCR-N is recommended to keep detached dyestuff in suspension of dye from the fabric without redeposition.

Novatex PCR-N : 1 – 2 gpl at pH 8-9

Packing : 50 Kgs. HDPE Carboys.

“ The information offered in this leaflet is true and accurate to the best of our knowledge but WITHOUT GUARANTEE”

*Spectralube Liq - Anticrease lubricant to prevent crease marks

**Novatex HPST - Peroxide stabilizer , buffer , sequesterant

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