

MAXINOL 285 SN

TEXTILE DISPERSANT

PRODUCT FEATURES

MAXINOL 285 SN is acrylic acid based polymer. It is highly effective as dispersant and sequestering agent and shows good actions up to high alkaline pH, high hardness and temperature without precipitation. Apart from thermal stability product has good stability to oxidizing and reducing agent. The product is **non-phosphorus compound**, non-foaming dispersant and has good environmental acceptability as anti back staining agent

TYPICAL SPECIFICATIONS

Appearance	: Clear yellow coloured liquid
Nature	: Acrylic copolymer
Grade	: Sodium salt
pH (10% w/w solutions)	: 7.0-9.0
Avg. Molecular Wt.	: ≈45000
Density at 25°C	: 1.25 ±0.02 gm/cc
Solid Content	: 35.0 ±2.0 %
Sequestration value	: 175 mg CaCO ₃ min
Solubility in Water	: Freely Soluble at all use

(These are typical values and not the final specifications)

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MAJOR BENEFITS

MAXINOL 285 SN confers following application benefits:

1. High complexing power with Ca, Mg, Fe, Cu and Mn without destroying dye metal complexes.
2. It improves penetration and levelness of dyeing as well as their fastness through dispersing and complexing actions.
3. Offers advantage in reactive, vat, sulphur, naphthol and indigo dyeing as it binds heavy metals preventing agglomeration as well as coagulations.
4. Suitable for circulating dyeing machines for cellulose and blends with all dyes. It prevents filtering off and protects agglomeration of cotton.
5. It provides excellent results for gray cottons on circulating dyeing machine as well as one bath dyeing and bleaching.
6. It prevents silica deposits during dyeing in reactive dyeing.
7. It performs as dispersant for unfixed dye (washing off) without affecting shade and fastness of dyed goods.
8. It improves depth of colour, levelness and fastness in the exhaust process.
9. It improves brightness as well as colour yield and keeps roller clean while silicate padding.

In printing of reactive dyes by silicates or by steaming it removes gum and silicate from printed fabrics

DOSAGE

Most common doses of MAXINOL 285 SN are between 1 - 2 GPL. However, the dosage varies depending upon use conditions and the end effect envisaged.

SAFETY AND HANDLING

MAXINOL 285 SN is generally safe but avoid contact with eyes and prolonged contact with eyes. Do not take internally. In case of contact with skin & eyes, wash with plenty of water.

STORAGE

MAXINOL 285 SN is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

PACKING

MAXINOL 285 SN is available in 50Kgs Carbuoy / 250Kgs Polydrums