

MAXINOL 1200

Textile copolymer

PRODUCT FEATURES

MAXINOL 1200 is low molecular weight copolymer. It is specially developed for textile applications where hardness of water needs to be controlled. In many cases organophosphonates are also used but for certain applications where organophosphonates are not recommended, these polymers play a vital roll. In many dyeing and printing applications where dye/pigments are metal ion based, then use of organophosphonate becomes undesirable. Organophosphonate form strong chelating bond with the metal ion from pigment/dye and alter the colour/shed properties. It offers higher solubility for salts and has higher dispersing activity.

SPECIFICATIONS

| | |
|------------------------------------|----------------------------------|
| Appearance | : Clear colorless to pale yellow |
| Nature | Copolymer |
| Grade | Partial sodium salt |
| pH (as is) | 3.8 – 4.6 |
| Density at 25 ⁰ C g/ml | 1.19-1.25 |
| Total Solids (%) . | 43.5 ± 0.5% |
| BF Viscosity cP@ 25 ⁰ C | |
| Sequestration value | 1100-1200 |
| As mg of CaCo3/ gm | |
| Solubility in Water | Freely soluble at all use levels |

(These are typical values and not the final specifications)

MAJOR BENEFITS

Excellent Calcium Carbonate sequestration capacity. Even sequestration value is high, does not chelate metal ion from dye. Minimum or negligible shed variation during processing. Stable and competitive with other textile additives. Excellent thermal & chemical stability offering increased shelf life. High Iron tolerance

SAFETY AND HANDLING

MAXINOL 1200 is generally safe but avoid contact with eyes and skin. Do not take internally. Gloves and goggles should be used while handling the product.

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STORAGE

MAXINOL 1200 is non-flammable, non-combustible. It should be stored under shade. The product should not be exposed to direct sunlight.

PACKING

MAXINOL 1200 is available in 50 Kgs Carbouy