



H. K. GROUP

ALWAYS WITH YOU...ALWAYS CARING FOR YOU



SUPREME WHITNER

is our specialty product specially formulated for paper industry which gives multilevel advantages to improve the paper processing and in finishing.

PRODUCT PROPERTIES

- FORM : White Crystalline Powder.
- INGREDIENTS: Oxidizing, Filtering Agent, Chlorine, Mineral Agents.

APPLICATIONS

'SUPREME WHITENER' is to be applied after actual de-inking process and separate bleaching stage. It can be also applied after drying stage and chlorination stage.

ADVANTAGES

- Strong oxidant agent and deforming agent.
- Provides Protection from browning and yellowing.
- Protects from fungal and bacteria structure.
- It plays many important role like pH buffer, excellent dewatering performance, improves filler & fiber retention with good formation.
- It helps in increase shining, whiteness, brightness, and glazing effect.
- Better high Ink absorbent capacity, control dot size, super resolution, and brilliant color stability.
- Increase dry strength of paper, high temperature binder, moisture absorbent, and also a free flow agent to assist powder flow.
- Helps to increase the shelf life and stability of the product.
- It's safe to use and environmentally safe and remove unsafe residue.

PRECIPITATED CALCIUM CARBONATE

ADVANTAGES

You must be aware that the paper industries have now turned to use the precipitated Calcium Carbonate as filler due to the following reasons.

Higher Brightness

Higher Opacity

Higher Bulk

Saving In fiber



PCC is used in papermaking as functional minerals to confer opacity, brightness, bulk and porosity to achieve significant savings on pulp and pigment . In coating applications our product and its grades provide higher level of whiteness and opacity with enhanced printability.

PCC support dispersion of coating pigments to achieve maximum light scattering for increased coverage of the base paper. This also improves pigment efficiency.

PCC provides high Whiteness and Brightness due to its high and resulting from the advanced precipitation process.

LIST OF PAPER CHEMICAL AND ADDITIVES

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| <ul style="list-style-type: none"> • ALUMINIUM SULPHATE – ALUM / FERRIC/ MONO FERRIC • AMMONIUM CHLORIDE – TECHNICAL / PURE • AMMONIUM SULPHATE – TECHNICAL /PURE • BENZOYL PEROXIDE – GRANULAR / POWDER • CALCIUM CARBONATE – PRECIPITATED / GROUND • CALCIUM CHLORIDE – 95% POWDER • CALCIUM HYDROXIDE – POWDER • CHINA CLAY – POWDER • DI / MONO – AMMONIUM / POTASSIUM / SODIUM PHOSPHATE – TECHNICAL/PURE • DRIED FERROUS SULPHATE – MONO HYDRATE POWDER / CRYSTAL HEPTA HYDRATE • ENZYMES • FRENCH CHALK • GUAR GUM – POWDER / FLAKES – 5000/6000/6500 VISCOCITY • LIME POWDER – TECHNICAL / PURE (CALCIUM OXIDE) | <ul style="list-style-type: none"> • MAGNESIUM CARBONATE – POWDER • MAGNESIUM SULPHATE – POWDER • MANGANESE DI OXIDE – POWDER • SILICA – PRECIPITATED • MAGNESIUM OXIDE – 80% POWDER • SODIUM ACID PYRO PHOSPHATE • SODIUM BI SULPHITE – POWDER • SODIUM CARBONATE • SODIUM CHLORATE • SODIUM HEXA META PHOSPHATE – 62% • SODIUM SILICATES / SILICON DIOXIDE • SODIUM SULPHATE – POWDER / GRANULAR • SODIUM SULPHIDE • SODIUM THIO SULPHATE – FUSED / POWDER • SODIUM TRI POLY PHOSPHATE • TITANIUM DIOXIDE • TETRA SODIUM PYRO PHOSPHATE • WHEAT GLUTEN – IMPORTED • WHITING POWDER |
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FOR OTHER PRODUCTS KINDLY REFER OUR WEBSITE



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