

Paper, Pulp and Paper Conversion Industries (Hard-Board, Kraft Paper, Soda Semi-Chemical Pulp and Boxboard)

Description:

The paperconversion sectors are assuming increasingly important place in the life ofevery nation. Conversion technology is being evolved continuously for havingbetter conversion, handling, transportation, preservation and usage ofmaterials. Paper and Pulp industry plays a vital role towards conversion.Pulping is a process of delignification removing lignin from wood while leavingcellulose fibres intact. Pulp and paper can be produced from many resourceslike; Eta Reed, bamboo, bagasse, elephant grass, etc. Growing population andincreased demand of paper products has created raw material shortage all overthe world especially in developing countries. Consequently agriculturalresidues and farm wastes are the only hope for further pulp papermaking in thesecountries. However, technology is evolving that holds promise for using wasteor recycled paper and, in some cases, even plastics to make an array of highperformance composite products that are in themselves potentially recyclable.Pulp and paper industry is one of the largest industries in India today, whichconsumes huge quantity of water. As the product does not contain any water mostof the water used in the process reappears as waste. Therefore the waste wateris used in crop irrigation which will solve both problems i.e. industrial wastesolution and irrigation. The Indian paper industry has close linkages witheconomic growth as higher industrial output leads to increased demand forindustrial paper for packaging, increased marketing spend benefits thenewsprint and value added segments, and increased education and officeactivities increase demand for writing and printing paper. It is estimated thatthere is an economic growth of 8.5% for India which will benefit the demand forpaper.

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Keywords: Paper, Pulp and Paper Conversion Industries, Hard-Board, Kraft Paper, Soda Semi-Chemical Pulp and Boxboard, Pulps from Bamboo, Dry-Process Hard Boards, Recycled Newsprint Paper Fibers, Kraft Base Paper, Crotolaria Jauncia, Soda Semi-Chemical Pulp, Sesbania Sesban (Linn.) Merr., High Yield Pulps, Flotation Deinking, Wood-Based Composite, Deinking of Flexo-Graphic Newsprint, Ultrafiltration, Utilization of Lime, Agricultural Residues and Agro-Wastes, Drying of Paper, Bamboo, Semichemical Pulping,

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