



Handbook of Pulping and Papermaking, Second Edition

By Biermann, Christopher J.

Academic Press, 1996. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service!

Summary: Introduction and the Literature: Introduction to Papermaking. Introduction to the Literature. Abstract Indices. Technical and Trade Journals. Reference Books. Textbooks. Chemistry Reference Books. Other References. Wood and Fiber Fundamentals: Wood and Bark. Wood Chips and Sawdust. Wood Chip Preparation and Handling at the Pulp Mill. Solid Wood Measurement. Wood Chip Measurement. Wood Chemistry. Wood and Fiber Physics. Properties of Selected Wood Species. Nonwood and Recycled Fiber Considerations. Pulping Fundamentals: Introduction to Pulping. Mechanical Pulping. Chemi-Mechanical Pulping. Related Pulping Methods. Semi-Chemical Pulping. General Chemical Pulping. Soda Pulping. Kraft Pulping. Sulfite Pulping. Other Pulping Methods. Market Pulp. Kraft Spent Liquor Recovery: Chemical Recovery. Pulp Washing. Liquor Evaporation. Recovery Boiler. Cooking Liquor Regeneration--The Causticizing Process. Pulp Bleaching: Bleaching Mechanical Pulps. Measurement of Lignin Content. Bleaching Chemical Pulps. Refining and Pulp Characterization: Introduction to Refining. Refining. Pulp Characterization. Pulp Properties versus Performance. Paper and its Properties: General Grades of Paper. Specific Types of Paper. Basic Paper Properties. Physical Properties of Paper. Mechanical Properties of Paper. Chemical Analysis of Paper. Basic Optical Tests of Paper. Sheet Splitting of Paper. Stock Preparation and Additives for Papermaking: Fiber Preparation and Approach. Raw...

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