1. Record Nr. UNISALENTO991000837469707536

Autore	Apollonio, Mario
Titolo	Defoe / Mario Apollonio
Pubbl/distr/stampa	Brescia : La Scuola, 1946
Descrizione fisica	147 p. ; 16 cm
Collana	Gli uomini e la civiltà. Serie 7, Scrittori stranieri
Disciplina	823.5
Soggetti	Defoe, Daniel Defoe, Daniel
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910792329303321

Autore	Suess Hans Ulrich <1947->
Titolo	Pulp bleaching today [[electronic resource] /] / by Hans Ulrich Suess
Pubbl/distr/stampa	Berlin ; ; New York, : De Gruyter, c2010
ISBN	1-282-71593-3 9786612715938 3-11-021824-0
Descrizione fisica	1 online resource (320 p.)
Classificazione	ZC 81305
Disciplina	676/.1
Soggetti	Wood-pulp - Bleaching Bleached wood-pulp products
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Frontmatter -- Contents -- 1. Introduction -- 2. Brightening - a brief history -- 3. Bleaching agents, properties and generation -- 4.

Bleaching of chemical pulp -- 5. Stability of brightness -- 6. Bleaching of mechanical pulp -- 7. Brightening of secondary fiber -- 8. General aspects of pulp production -- 9. Bleaching of other material -- 10. Outlook -- Backmatter

Sommario/riassunto

This book describes the most effective application of chemicals in bleaching. It starts with a brief overview of the history of bleaching and then focuses on recent developments. The ban of chlorine from bleaching pulp has shifted bleaching to environmentally sound procedures. Elementary Chlorine Free bleaching (ECF bleaching) and Totally Chlorine Free bleaching (TCF bleaching) are explained. The potential of different bleaching chemicals is exemplified in detail with a special focus on what to do and what to avoid. Very recent knowledge about the sources of yellowing is utilized to explain the ideal strategy for the removal of chromophores and their precursors. Emphasis is placed on applicable bleaching, in clear contrast to sophisticated, complicated or simply expensive pseudo modern bleaching. The target of this book is to explain the potential and the limitations of different chemicals and to demonstrate the necessity of comprehensive solutions for an environmentally sound use of the raw material wood, of chemicals, and of water in the production of pulp with top quality and yield. This book should educate students in the art of bleaching, assist mill personal in their continuous effort for process optimization, help research and technology managers to successfully select their targets, and be on hand as reference of the most recent bleaching technology.