Record Nr. UNINA9910788470503321 Principles, processes and types of dyes [[electronic resource] /] / edited **Titolo** by M. Clark Pubbl/distr/stampa Philadelphia,: Woodhead Pub., 2011 **ISBN** 0-85709-397-5 1-61344-563-6 Edizione [Volume 1st ed.] Descrizione fisica 1 online resource (675 p.) Woodhead Publishing series in textiles, , 2042-0803;; no. 116 Collana Handbook of textile and industrial dyeing;; v. 1 Altri autori (Persone) ClarkM Disciplina 667.3 Dyes and dyeing - Textile fibers Soggetti Color in the textile industries Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto pt. 1. General aspects of dyeing -- pt. 2. Dye types and processes. Dyeing is one of the most effective and popular methods used for Sommario/riassunto coloring textiles and other materials. Dyes are employed in a variety of industries, from cosmetic production to the medical sector. The two volumes of the Handbook of textile and industrial dyeing provide a detailed review of the latest techniques and equipment used in the dyeing industry, as well as examining dyes and their application in a number of different industrial sectors. Volume 1 deals with the principles of dyeing and techniques used in the dyeing process, and looks at the different types of dyes currently available. Part one begins with a general introduction to dyeing, which is followed by chapters that examine various aspects of the dyeing process, from the pretreatment of textiles to the machinery employed. Chapters in part two then review the main types of dyes used today, including disperse dyes, acid dyes, fluorescent dyes, and many others for a diverse range of applications. With its distinguished editor and contributions from some of the world's leading authorities, the Handbook of textile and industrial dyeing is an essential reference for designers, color technologists and product developers working in a variety of sectors,

and will also be suitable for academic use.