

1. Record Nr.	UNINA9910830792303321
Autore	Hunger Klaus
Titolo	Industrial organic pigments : production, crystal structures, properties, applications / / Klaus Hunger and Martin U. Schmidt ; with contributions by Thomas Heber, Friedrich Reisinger, and Stefan Wannemacher
Pubbl/distr/stampa	Weinheim, Germany : , : Wiley-VCH Verlag GmbH & Co., , [2018] ©2018
ISBN	3-527-64834-8 3-527-64835-6 3-527-64832-1
Edizione	[Fourth, completely revised edition.]
Descrizione fisica	1 online resource (809 pages)
Disciplina	667.29
Soggetti	Pigments Organic compounds Dyes and dyeing - Chemistry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Revised and updated, this highly acclaimed work, now in its fourth edition, remains the most comprehensive source of information available on organic pigments. It provides up-to-date information on synthesis, reaction mechanism, physical and chemical properties, test methods, and applications of all the industrially produced organic pigments available on the world market. This fourth edition now includes new chapters on the latest applications and three-dimensional X-ray analysis, while the chapters on legislation, ecology, and toxicology have been rewritten to reflect recent developments. Sets the international standard for information on the synthesis, reaction mechanisms, properties, relevant test methods, and applications of organic pigments Contains all industrially produced pigments of the world market, even those which can no longer be found in producers' catalogs are described Standardized methods allow test results to be compared throughout the book The reader is given useful hints as to

which pigment is best for a given application Clearly structured and concise text with up-to-date references to the pertinent literature Ecological and toxicological properties of organic pigments are outlined Appendix offers invaluable flow diagrams on the manufacture of numerous pigments, a table of all described pigments with information about their C.I. and CAS registration, and an in-depth subject index
