1. Record Nr. UNISA996395833703316

Autore	Fulke William <1538-1589.>
Titolo	A briefe confutation, of a popish discourse: lately set forth, and presumptuously dedicated to the Queenes most excellent Maiestie: by Iohn Howlet, or some other birde of the night, vnder that name [[electronic resource]] : Contayning certaine reasons, why papistes refuse to come to church, which reasons are here inserted and set downe at large, with their seuerall answeres. By D. Fulke, Maister of Penbroke Hall, in Cambridge. Seene and allowed
Pubbl/distr/stampa	At London, : Printed [by Thomas Dawson] for George Byshop, 1581
Descrizione fisica	[1], 58 leaves
Altri autori (Persone)	ParsonsRobert <1546-1610.>
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	John Howlet = Robert Parsons. A reprinting of and reply to his: A brief discours contayning certayne reasons why Catholiques refuse to goe to church. Printer's name from colophon. P2 is a cancel, and comes in two settings: P2r line 7 ends (1) "po-" or (2) "Po-". Reproduction of the original in the Bodleian Library.
Sommario/riassunto	eebo-0014

2. Record Nr. UNISA996217138803316

Autore	Mouton Yves
Titolo	Organic materials in civil engineering [[electronic resource] /] / Yves Mouton
Pubbl/distr/stampa	London ; ; Newport Beach, CA, : ISTE Ltd., c2006
ISBN	1-280-51057-9 9786610510573 1-84704-461-1 0-470-39450-1 0-470-61231-2 1-84704-561-8
Descrizione fisica	1 online resource (358 p.)
Collana	ISTE
Disciplina	624.1/8 624.18
Soggetti	Polymers Organic compounds Civil engineering - Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [341]-349) and index.
Nota di contenuto	Organic Materials in Civil Engineering; Table of Contents; Introduction; Chapter 1. Organic Polymers; 1.1. Definitions; 1.2. Macromolecular structure; 1.3. Synthesis of polymers; 1.3.1. Step polymerization or polycondensation; 1.3.1.1. Mechanism of polycondensation: polycondensation and polyaddition; 1.3.1.2. Practical applications; 1.3.2. Chain polymerization or polymerization strictly speaking; 1.4. Processing: thermoplastics and thermosets; 1.4.1. Thermoplastics and thermosets, thermorigid or thermohard; 1.4.2. Monocomponent and bicomponent; 1.5. Elastomers; 1.6. Preliminary conclusions 1.7. Crystalline polymers and amorphous polymers: glass transition1. 7.1. Notion of crystalline polymer; 1.7.2. Amorphous polymers: glass transition; 1.8. Mechanical behaviors of polymers: time-temperature equivalence; 1.8.1. Elastic behavior; 1.8.2. Elasto-plastic behavior; 1.8.3. Rubber-like behavior; 1.8.4. Case of cross-linked polymers; 1.8.5. Pure products and formulated products: plasticization; 1.8.6.

Time-temperature equivalence; 1.9. Miscibility of polymers: concept of alloy; 1.9.1. Notion of solubility parameter; 1.9.2. Estimation of the solubility
1.9.3. Polymer-polymer mixtures: notion of alloy1.10. Durability and aging of polymers: life cycles; 1.10.1. Notion of aging; 1.10.2. Principles of the methods for appreciating the life of materials; 1.10.3. Fire behavior of polymers; 1.10.4. General information on the life cycle of polymers; 1.11. Organic materials, the environment and health: evolution of the market; 1.12. Main organic and organo-metallic polymers used in civil engineering; 1.13. General conclusion; Chapter 2. Organic Binders I. Bitumen and Road Construction; 2.1. General terminology; 2.2. Manufacture of bitumen
2.3. Physico-chemical composition of bitumens2.4. Various forms of bitumen; 2.4.1. Paving bitumens: characterization and classification; 2.4.2. Fluid binders; 2.4.3. Bitumen emulsions; 2.4.3.1. Formation of an emulsion; 2.4.3.2. Failure of emulsions; 2.4.3.3. Characterization of emulsions: applications; 2.5. Usage properties of paving bitumen; 2.6. Adhesiveness; 2.7. Rheological properties; 2.7.1. Viscosity; 2.7.2. Viscoelasticity; 2.7.3. Complex modulus; 2.7.4. Towards a rheological classification; 2.7.5. The SHRP program - Test methods and specifications of road binders
2.7.6. Bending beam creep or BBR test2.8. Aging of bitumen; 2.9. Limits in the use of bitumen: quest for an ideal binder; 2.10. Modified bitumens, bitumens with additives and special bitumens; 2.10.1. Physico-chemical characterization of polymer modified bitumens; 2.10.2. Practical applications; 2.10.3. Bitumens with additives; 2.10.4. Special paving bitumens; 2.11. Regeneration binders; 2.12. Other uses of bitumen in civil engineering; 2.13. General conclusion; Chapter 3. Organic Binders II. Materials for the Conservation of Heritage and Safety; 3.1. Concrete repair and protection products
3.1.1. Products and systems for the protection and repair of concrete structures: normative definitions

Sommario/riassunto

This book provides an inventory of organic materials and products, the major components of all civil engineering projects, in terms of their scientific and technical background, including the regulations that cover their use and their predicted useful life. Such materials include: bitumen on the roads; geotextiles for retaining walls; membranes for bridges; tunnel and reservoir waterproofing; paint binders to protect metallic and concrete structures or to create road markings; injection resins; gluing products; concrete admixtures; and composite materials. The presentation is based on a ph