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| Autore | Matys Robert |
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| Edizione | [1st ed. 2013.] |
| Descrizione fisica | 1 online resource (354 p.) |
| Altri autori (Persone) | PachmanJiri |
| Disciplina | 662/.2 |
| Soggetti | Explosives Bombs |
| 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 and index. |
| Nota di contenuto | Introduction to Initiating Substances -- Explosive Properties of Primary Explosives -- Fulminates -- Azides -- Salts of Polynitrophenoles -- Diazodinitrophenol -- Salts of Benzofuroxan.-Tetrazoles -- Tetrazole Ring Containing Complexes -- Organic Peroxides -- Nitrogen Halides -- Acetylides -- Other Substances. |
| Sommario/riassunto | This is the first comprehensive overview of this topic. It serves as a single source for information about the properties, preparation, and uses of all relevant primary explosives. The first chapter provides background such as the basics of initiation and differences between requirements on primary explosives used in detonators and igniters. The authors then clarify the influence of physical characteristics on explosive properties, focusing on those properties required for primary explosives. Furthermore, the issue of sensitivity is discussed. All the chapters on particular groups of primary explosives are structured in the same way, including introduction, physical and chemical properties, explosive properties, preparation and documented use. The authors thoroughly verified all data and information. A unique feature of this book are original microscopic images of some explosives. |