1. Record Nr. UNINA9910877737103321 Autore Oates J. A. H (Joseph A. H.) Titolo Lime and limestone: chemistry and technology, production and uses / / J.A.H. Oates Pubbl/distr/stampa Weinheim, Federal Republic of Germany;; New York,: Wiley-VCH, c1998 **ISBN** 1-281-76385-3 9786611763855 3-527-61202-5 3-527-61201-7 Descrizione fisica 1 online resource (474 p.) Disciplina 553.51 622.3516 Soggetti Lime Limestone 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 Lime and Limestone; Contents; 32 Other Uses of Quick and Slaked Lime; 1.1 Introduction; 1.1 General; 1.2 Importance of Lime and Limestone; 1.3 History [1.1-1.3]; 1.4 References; Part 1 Production of Limestone; 2 Formation, Classification and Occurrence of Limestone; 2.1 Formation of Limestone; 2.2 Classification of Limestones; 2.3 Occurrence of Limestones; 2.4 References; 3 Physical and Chemical Properties of Limestone; 3.1 Physical Properties; 3.2 Chemical Properties; 3.3 Impurities; 3.4 References; 4 Prospecting and Quarrying; 4.1 Introduction; 4.2 Prospecting; 4.3 Quarrying; 4.4 Loading 4.5 Hauling4.6 Current Trends in Quarrying; 4.7 Dimension Stone; 4.8 References; 5 Processing and Dispatch of Limestone; 5.1 Introduction; 5.2 Crushing; 5.3 Pulverising and Grinding; 5.4 Production of Precipitated Calcium Carbonate; 5.5 Sizing; 5.6 Benefication; 5.7 Storage and Loading Out; 5.8 Transport; 5.9 Specifications; 5.10 References: 6 Sampling and Testing of Limestone: 6.1 Introduction: 6.2

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Modern uses of traditional materials 'Lime and Limestone' is a comprehensive and up-to-date presentation of the main scientific and technological aspects of the quarrying, processing, calcining and slaking of lime and limestone products. It places emphasis on how the processes are designed to ensure that the products meet market requirements and comply with customer specifications. It describes authoritatively, and in detail, the current uses in the many market segments, including:iron, steel and other metals,building, construction and cement,water, sewage and enviro