

1. Record Nr.	UNINA9911018784103321
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Titolo	Physical properties of concrete / / Jean Pierre Ollivier, Jean Michel Torrenti, Myriam Carcasses
Pubbl/distr/stampa	London, : ISTE Ltd. Hoboken, N.J., : John Wiley & Sons, 2012
ISBN	9781118562734 1118562739 9781118563144 111856314X 9781118562956 111856295X
Descrizione fisica	1 online resource (349 p.)
Collana	ISTE
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Disciplina	666/.893
Soggetti	Concrete Concrete - Analysis
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	Description of granular materials, definitions -- Granulometry -- Specific surface area of materials -- Voids in granular materials and arrangement of grains -- Voids in concrete -- Diffusion -- Permeability.
Sommario/riassunto	Understanding the rheological properties of fresh concrete, the hydration phenomenon of cement responsible for structuration, the relationship between the characteristics of the porous solid obtained and its mechanical performances or resistance to the aggressive penetration requires a complex knowledge of the physicochemistry of reactive porous materials. The development of simple formulation rules therefore requires the assimilation of this knowledge and a good command of the properties of these materials. The purpose of this book is to provide the mix designer with useful knowledge