Record Nr. UNINA9910463097903321 Healable polymer systems [[electronic resource] /] / edited by Wayne **Titolo** Hayes and Barnaby W. Greenland Pubbl/distr/stampa Cambridge,: Royal Society of Chemistry, 2013 **ISBN** 1-84973-747-9 Descrizione fisica 1 online resource (167 p.) Collana RSC Polymer Chemistry Series; ; 5 Altri autori (Persone) HavesWayne GreenlandBarnaby W Disciplina 620.192 Soggetti Polymers - Deterioration Polymers - Biodegradation Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Includes index. Sommario/riassunto Polymers are used in many everyday technologies and their degradation due to environmental exposure has lead to great interest in materials which can heal and repair themselves. In order to design new self healing polymers it's important to understand the fundamental healing mechanisms behind the material. Healable Polymer Systems will outline the key concepts and mechanisms underpinning the design and processing of healable polymers, and indicate potential directions for progress in the future development and applications of these

fascinating and potentially valuable materials. The book cover