Record Nr. UNISALENTO991003242309707536 Autore Rosato, Donald V. Titolo Reinforced plastics handbook [e-book] Pubbl/distr/stampa Oxford: Elsevier Advanced Technology, 2004 **ISBN** 9781856174503 1856174506 Edizione [3rd ed. /] Descrizione fisica xxx, 1082 p.: ill.; 25 cm Altri autori (Persone) Rosato, Dominick V. Murphy, John, 1934 May 23-Disciplina 668.494 Soggetti Reinforced plastics - Handbooks, manuals, etc Electronic books. Lingua di pubblicazione Inglese **Formato** Risorsa elettronica Livello bibliografico Monografia Previous ed.: / John Murphy. 1998. Note generali Nota di bibliografia Includes bibliographical references (p. [1043]-1050) and index Nota di contenuto Chapter 1 Introduction: Chapter 2 Reinforcements: Chapter 3 Plastics: Chapter 4 Compound Constructions: Chapter 5- Fabricating Processes: Chapter 6 Markets/Products; Chapter 7 Designs; Chapter 8 Engineering Analyses; Chapter 9 Selecting Plastics and Process; Chapter 10 Summary Sommario/riassunto In this 3rd Edition of the Reinforced Plastics Handbook the authors have continued the approach of the late John Murphy, author of the first and second editions. The book provides a compendium of information on every aspect of materials, processes, designs and construction. Fiber-reinforced plastics are a class of materials in which the basic properties of plastics are given mechanical reinforcement by the addition of fibrous materials. The wide choice of plastics resin matrices and the correspondingly wide choice of reinforcing materials mean that the permutations are virtually unlimited. But the optimum properties of resin and reinforcement cannot be obtained unless there is an effective bond between the two, and this is the continuing objective of reinforced plastics production, design and processing. New

3rd edition of this comprehensive practical manual This is a 'bible' for

manufacturers, specifiers, designers or end-users. Has been completely

all those involved in the reinforced plastics industry, whether

revised and updated to reflect all the latest developments in the