

1. Record Nr.	UNINA9910816563703321
Titolo	Plastics application technology for safe and lightweight automobiles / / edited by Sudhakar R. Marur
Pubbl/distr/stampa	Warrendale, Pa. (400 Commonwealth Dr., Warrendale PA USA) : , : Society of Automotive Engineers, , [2013]
ISBN	0-7680-8843-7 0-7680-8018-5
Edizione	[1st ed.]
Descrizione fisica	1 online resource (1 PDF (xv, 355 pages)) : illustrations
Collana	Society of Automotive Engineers. Electronic publications
Disciplina	629.232
Soggetti	Plastics in automobiles Automobiles - Safety measures Lightweight materials Reinforced plastics TECHNOLOGY & ENGINEERING / Materials Science / General TECHNOLOGY & ENGINEERING / Automotive Materials science Automotive technology and trades
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"SAE order number R-415"--Title page verso.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Introduction to Plastics Application Technology -- 2. Crash and Energy Management Systems -- 3. Interiors -- 4. Glazing Applications -- 5. Plastic-Metal Hybrid (PMH) Structures -- 6. Headlamp Applications -- 7. Body Panels -- 8. Under-the-Hood Applications -- 9. Sustainability in Automotive Industry.
Sommario/riassunto	The automotive sector is looking for lighter-weight materials for improved fuel economy and post-consumer recyclability to foster environmental sustainability. Engineering thermoplastics offer the ability to tailor-make components from polymers, and to design parts for enhanced performance, new functionality, part integration, and elimination of secondary operations. Parts made from engineering thermoplastics can be manufactured within specified cost constraints, and using manufacturing methods that offer a wide range of production flexibility. Additionally, plastics offer greater styling,

improved energy absorption for pedestrian and occupant safety, and enhanced performance over traditional materials, all while reducing overall vehicle weight. This book is focused on the use of plastics in automobiles, not just for traditional applications such as interiors and body panels, but for more advanced uses such as under-the-hood components. It provides application technology development for various aspects of automotive design-concept design, CAD modeling, predictive engineering methods through CAE, manufacturing method simulation, and prototype and tool making.

2. Record Nr.	UNINA9910147113103321
Titolo	Kritika kultura : an electronic journal of literary/cultural and language studies
Pubbl/distr/stampa	Quezon City, Philippines, : Dept. of English, School of Humanities, Ateneo de Manila University, [2002]-
Soggetti	Philippine literature (English) Culture - Study and teaching - Philippines Culture - Study and teaching Journal Periodicals. Philippines Periodicals Philippines
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed Title from PDF title page (publisher's Web site, viewed Apr. 6, 2006).
Sommario/riassunto	Refereed electronic journal of language and literary/cultural studies from the Dept. of English, Ateneo de Manila University, Philippines, focusing on cross-cultural and cross-discipline examinations of

"language and literature and cultural policy, cultural politics of representation, the political economy of language, literature and culture, the production of cultural texts, audience reception, systems of representation, effects of texts on concrete readers/audiences, the history and dynamics of canon formation, gender and sexuality, ethnicity, diaspora, nationalism and nationhood, national liberation movements, identity politics, feminism, women's liberation movements, etc."

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