DESCRIPTION

The final volume of this encyclopedia addresses such general aspects as methods for the analysis of polymer properties and technical processing. It also provides an overview of special applications in:

* electronics
* aerospace
* medicine and pharmacy
* food
* packaging
* construction
* engineering.

Further topics included are: biotechnological production of monomers for chemical polymer synthesis, conversion of raw materials, corrosion, composting, environmental impacts, health issues, legal, ecological and economic aspects.
Alexander Steinbuchel has been Full Professor of Microbiology and Director of the Institute for Microbiology at the University of Munster since 1994. After his PhD in 1983 he spent one year at the Rockefeller University New York and in 1992 he received the Philip Morris Research Award. Alexander Steinbuchel has over 250 publications to his name and has organized several symposia focusing on biopolymers.