

Faculty member reviews book on polymer processing

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Dr. Steven M. Pilgrim, professor of materials science and engineering at Alfred University, has just reviewed a book, "Principles of Polymer Processing." This book contains a concise historical introduction and mathematically rigorous transport and discussions. The authors systematically address the key components of processing in a unit-structured approach. There are 15 chapters, each with an excess of equations and focused problems, to provide a resource for all engineering aspects of polymer processing. The appendixes also help to make the text comprehensive. "Highly recommended. Upper-division undergraduates through professionals," said Pilgrim. Pilgrim received an Honors B.S. in polymer science and his Ph.D. in solid-state science from Pennsylvania State University. Some of his current research projects include cryogenic electrostrictors (CACT/NASA) and electromechanically active materials (DARPA/ONR). Among his many honors, Pilgrim has also published over 60 works including archival and reviews.