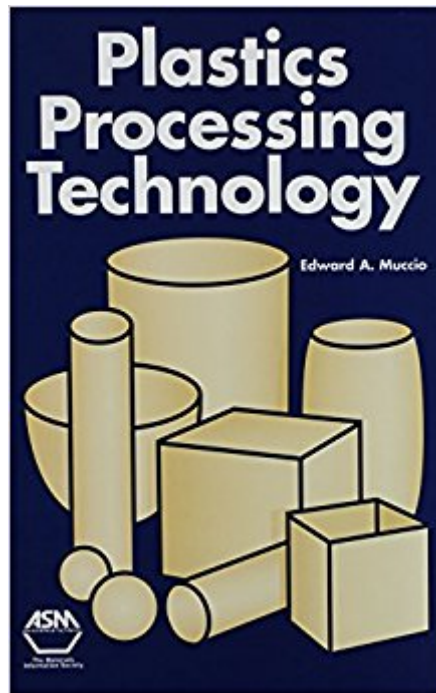




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Plastics Processing Technology



Synopsis

Introduction to plastics technology and terminology for anyone with 'a need to know' No prior plastics knowledge needed to gain full benefits Keep current on the dynamic plastics industry Valuable contributions from a panel of plastics industry professors Includes both primary and ancillary equipment technology. The impact of plastics on material selection is certainly not new. But there is always something new in plastics. Plastics Processing Technology is your chance to catch up with this dynamic field especially if you have little or no plastics knowledge to begin with. Written for 'non-materials' engineers, managers, technicians, purchasing agents and students, this primer satisfies a need for those who must be able to communicate with materials specialists and plastics processors. This introduction to both the terminology and technology of plastics processing includes primary operations and equipment for extrusion, moulding, casting and thermoforming as well as ancillary equipment and process tooling. As an experienced educator, the author has prepared an easy-to-read presentation, amply supported with clear illustrations, that can serve as an excellent primer for those interested in developing a comprehensive understanding of plastics processing. In addition to the author's own academic and industry experience, this volume includes the insights from several other plastics industry professors. Contents: Assessing Plastics Processors; Plastic Materials; Temperature, Pressure, and Time; Extrusion; Blow Molding; Injection Molding; Composites Processing; Thermo-Forming, Resin Casting, and Recycling; Ancillary Equipment; Tooling for Plastics Processing.

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