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Chapter 19. Method for Effective Color Change in Extrusion Blow Molding Accumulator HeadsChapter 20. Four Color Process Compact Disc Printing: Getting as Close as Possible to Photorealism; Chapter 21. Improving the Processability of Fluorescent Pigments; Part 3: Testing Colored Products; Chapter 22. Understanding Test Variation. A Plastics Case Study; Chapter 23. Visual Color Matching and the Importance of Controlling External Variables; Chapter 24. Practical Analysis Techniques of Polymer Fillers by Fourier Transform Infrared Spectroscopy (FTIR)
Chapter 25. Measuring Stabilizers in Pigmented Plastics with Near-Infrared SpectroscopyChapter 26. Multi-Angle Spectrophotometers for Metallic, Pearlescent, and Special Effects Colors; Chapter 27. An Investigation of Multi-angle Spectrophotometry for Colored Polypropylene Compounds; Chapter 28. Color Concerns in Polymer Blends; Part 4: Effect of Colorants on Properties of Colored Materials; Chapter 29. The Effect of Pigments on the Crystallization and Properties of Polypropylene; Chapter 30. The Effect of Nucleating Agents on the Morphology and Crystallization Behavior of Polypropylene
Chapter 31. Relationship Between the Microstructure and the Properties of Rotationally Molded Plastics

Sommario/riassunto

The papers in this anthology were presented during seven ANTEC and RETEC symposia between 1995 and 1998, and chronicle many of the advances in the plastics coloring technology field during that time span. The unifying theme of the papers is """creating more value."""" The interactivity of the package design process has continued to demand advances in coloring technology, and the value of being able to exploit product appearance is glaringly apparent. Another way to create value is by being responsive through """Speed to Market."""" Manufacturers and suppliers have to respond to the d