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Programs; Chapter 5: Markets and Packaging Changes for Recycled Plastics; 5.1 Recycled Resin Demand
5.2 Packaging Changes to Increase Recycle Rates5.3 Markets in Primary Recycling; 5.4 Markets in Secondary Recycling; PART II: RECYCLING TECHNOLOGY; Introduction to Recycling Technology; Acknowledgments; Summary; Chapter 1: Introduction; 1.1 Plastics in Municipal Solid Waste; 1.2 Plastic Resin Production and Product Manufacture; Chapter 2: Manufacture of Plastic Lumber Using Mixed Plastics; 2.1 Plastic Wood Producers; 2.2 Plastic Wood Production; 2.3 General Guidelines for Plastic Lumber Manufacturing; 2.4 Products From Mixed Plastic Lumber; 2.6 Wood Fiber - Resin Composite Lumber 2.7 Future of Mixed Plastic LumberChapter 3: Emerging Methods for Processing and Separation of Plastics; 3.1 Optical Color Sorting of Glass and PET Containers; 3.2 Separation of PVC Bottles from Other Plastic Containers; 3.3 Separation of HDPE Base Cups from PET Beverage Bottles; 3.4 Separation Using Selective Dissolution; 3.5 Separation Using Soluble Acrylic Polymers; 3.6 Initial Activities in Polyurethane Recycling; 3.7 Initial Activities in Automotive Plastics Recycling; 3.8 Sources of Plastic Recycling information and Plastic Recycling Systems Chapter 4: Buyers and Specifications for Waste Plastics4.1 Buyers of Waste Plastic; 4.2 Specifications for Waste Plastic; Appendix A: Recycling Vehicle Equipment Manufacturers; Appendix B: Glossary; References; Appendix A: Plastic Scrap Handlers and Brokers; Appendix B: Sources of Information on Plastics Recycling; Appendix C: Manufacturers of Plastic Recycling Equipment; Appendix D: Glossary; References

Sommario/riassunto

Presents an overview of mixed plastics recycling technology. In addition, it characterizes mixed plastics wastes and describes collection methods, costs, and markets for reprocessed plastics products.