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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; The Effects of UV Light and Weather; Copyright Page; Table of Contents; Preface; List of Graphs and Tables; Introduction; How to Use This Book; Weatherability; Elements of Weather; Material Properties Post-Exposure; UV Additives and Stabilizers; Test Environments; Indoor and Interior Exposure; Outdoor Testing; Thermoplastics; Accelerated Outdoor Tests; Conventional Aging; Artificial Accelerated Tests; Test Results; Notes on Variability in Testing

and Results; Color Stability; ABS; Chapter 1. Acrylonitrile-Butadiene-Styrene; Weathering Properties; Stabilization
Weathering Properties by Material Supplier Trade NameChapter 2. Acrylonitrile-Styrene-Acrylate/Acrylonitrile-Butadiene-Styrene Capstock; Weathering Properties; Weathering Properties by Material Supplier Trade Name; Acetal; Chapter 3. Acetal; Weathering Properties: General; Weathering Properties: Colored Material; Weathering Properties: Unpigmented Material; Weathering Properties: Elevated Air Temperature; Weathering Properties by Material Supplier Trade Name; Acrylonitrile-Styrene-Acrylate; Chapter 4. Acrylonitrile-Styrene-Acrylate; Weathering Properties; Thermal Resistance
Weathering Properties by Material Supplier Trade NameAcrylic; Chapter 5. Acrylic and Acrylic Copolymer; Weathering Properties; Weathering Properties by Material Supplier Trade Name; Chapter 6. Acrylic and Polyvinyl Chloride Coextrusion; Weathering Properties; Cellulosic Plastic; Chapter 7. Cellulose Acetate Butyrate; Weathering Properties; Weathering Properties by Material Supplier Trade Name; Fluoropolymers; Chapter 8. Fluoropolymers: Overview; Fluoropolymer Weathering; Chapter 9. Polytetrafluoroethylene (PTFE or TFE); Weathering Properties
Weathering Properties by Material Supplier Trade NameChapter 10. Fluorinated Ethylene Propylene (FEP); Weathering Properties; Weathering Properties by Material Supplier Trade Name; Chapter 11. Perfluoroalkoxy (PFA and MFA); Weathering Properties; Chapter 12. Polyvinylidene Fluoride (PVDF); Weathering Properties; Chapter 13. Polychlorotrifluoroethylene (PCTFE); Chapter 14. Ethylene-chlorotrifluoroethylene (ECTFE); Weathering Properties; Chapter 15. Ethylene-tetrafluoroethylene (ETFE); Weathering Properties; Chapter 16. Polyvinyl Fluoride (PVF); Weathering Properties; Ionomer
Chapter 17. IonomerWeathering Properties; Polyphenylene Oxide; Chapter 18. Polyphenylene Oxide; Weathering Resistance; Nylon; Chapter 19. Nylon: Overview; Weathering Properties: General; Weathering Properties: UV Stabilization; Weathering Properties: Colored Material; Chapter 20. Nylon 6; Weathering Properties; Chapter 21. Nylon 12; Weathering Properties; Chapter 22. Nylon with Glass Fiber; Weathering Properties; Chapter 23. Nylon 66; Weathering Properties; Weathering Properties: Colored Material; Chapter 24. Nylon 6,6T; Weathering Properties; Chapter 25. Nylon MXD6; Chapter 26. Polyarylamide
Weathering Properties

Sommario/riassunto

This extensively updated, comprehensive databook was created for design and application engineers, scientists, and material producer technical support and research and development personnel. Important weathering characteristics and material properties of plastics and elastomers are presented in discussion, tabular and graphical sections. It provides a ready reference for comparing materials in the same family as well as materials in different families.Data are presented on 80 major plastic and elastomer materials, including biodegradable or organic polymers. New to this edition, the re