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FILM POLYMER COATINGS; Chapter 6: Circuit Coatings  
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AND THICK-FILM CIRCUITS; Chapter 7: Coatings for Space Electronics;  
OUTGASSING; STERILIZATION; SPACE AND NUCLEAR RADIATION;  
Chapter 8: Wire and Coil Coatings; MAGNET-WIRE CLASSIFICATIONS;  
WIRE-COATING TYPES; IMPREGNATING VARNISHES; APPLICATION AND  
WINDING METHODS; TESTING WIRE COATINGS; EFFECTS OF RADIATION;  
STRIPPING OF WIRE COATINGS; Chapter 9: Coatings for Electronic  
Components and Devices; FUNCTIONS OF PLASTIC PACKAGING  
MATERIALS FOR DISCRETE DEVICES; PLASTIC PACKAGING MATERIALS;  
THIN-FILM COATINGS  
FUNCTIONS OF COATING MATERIALS FOR HYBRID  
MICROCIRCUITS; APPLICATION METHODS; PARAMETERS AFFECTING  
ELECTRONIC DEVICES; COMMERCIAL AND MILITARY USES OF PLASTIC  
PACKAGES; Chapter 10: Specifications; MATERIAL SPECIFICATIONS;  
PROCESS SPECIFICATIONS; ELECTRICAL-PERFORMANCE SPECIFICATIONS;  
COMMERCIAL, MILITARY, AND FEDERAL SPECIFICATIONS; TEST  
METHODS FOR ORGANIC COATINGS; Appendix; Index

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### Sommario/riassunto

This completely revised edition remains the only comprehensive treatise on polymer coatings for electronics. Since the original edition, the applications of coatings for the environmental protection of electronic systems have greatly increased, largely driven by the competitive need to reduce costs, weight and volume. The demands for high-speed circuits for the rapid processing of signals and data, high-density circuits for the storage and retrieval of megabits of memory, and the improved reliability required of electronics for guiding and controlling weapons and space vehicles have triggered

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