

CONTENT

	Page
The Mass Burning Rate of Polymers, Wood and Organic Liquids	1
Oxygen Index Tests of Thermosetting Resins	19
Flammability and Thermal Stability of Polyphosphazene Copolymers. Part II	29
Toxicity and Thermal Properties of Polyphosphazenes	49
Combustion Properties of Glass Fiber Reinforced Polyester (GRP) and the Effect of Some Additives and Fillers	66
Development of flame and Smoke Retardant Thermoplastic Molding Compounds	94
Fire Performance Studies on Polyetherimide	103
Fire Test Method for Graphite Fiber Reinforced Plastics	121
FR Plastics : Deficiencies of NBS Smoke Testing	132
Pyrolysis of Polymeric Materials : III. Effect of Chemical Structure and Temperature on Carbon Monoxide Evolution	140
Nature of the Carbonaceous Part of Smoke in Combustion of Rigid PVC: Effect of Copper Oxide as Smoke Suppressor	147
The Effect of Flame Resistant Hard Segments on the Flammability and Physical Properties of Polydiethylsiloxane Based Multiblock Copolymers	156
Kinetic and Chemical Analysis of Polymer Pyrolytic Volatiles by Pyrolysis GC and TGA	163
Pyrolysis of Polymer Films in Air at High Temperatures and at High Heating Rates	174
The Determination of Smoke Density and of Smoke Evolution Rate in the NBS Chamber and the Influence of Flameproofing Agents and Smoke Retarders	189
Release Rate Calorimetry of PVC Compounds Containing Antimony Oxide and Iron Oxide	209
Heat Release Rate Calorimetry of Engineering Plastics	234
Scale Effects on Bottom Surface combustion of PMMA Pieces with Circular and Rectangular Sections	255