

## Copolymer

Copolymer blends of phenylsulphonylated poly(2,6-dimethyl-1,4-phenylene oxide) and poly(*p*-fluorostyrene-co-*p*(*o*)-chlorostyrene) 259

## Copper cobaltite spinel

The role of copper cobaltite spinel,  $\text{Cu}_x\text{Co}_{3-x}\text{O}_4$  during the thermal decomposition of ammonium perchlorate 83

## Cotton-modacrylic blend

Thermal behaviour of cotton-modacrylic fibre blends: kinetic study using the invariant kinetic parameters method 37

## Coupled technique

Kinetic studies on the non-isothermal decomposition of the complex of Schiff base containing  $S,N$ - $\text{Cd}_3[\text{CH}_3\text{O}(\text{O})\text{C}_6\text{H}_3\text{CH}=\text{NHC}(\text{S})\text{NH}_2]_4 \cdot (\text{CH}_3\text{COO})_2 \cdot \frac{1}{2} [\text{CH}_3\text{S}(\text{O})\text{CH}_3] \cdot 2\text{H}_2\text{O}$  313

## Crystallization

Kinetic parameters for crystallization in DICOR<sup>®</sup> glass 287

Sol-gel processing and crystallization of yttria-doped zirconia 75

Thermodynamic properties and phase transformations in methylhydrazine monohydrate 17

 $\text{Cu}_x\text{Co}_{3-x}\text{O}_4$ 

The role of copper cobaltite spinel,  $\text{Cu}_x\text{Co}_{3-x}\text{O}_4$  during the thermal decomposition of ammonium perchlorate 83

## D-galactosamine

A microcalorimetric method to study the activation of murine peritoneal macrophages 109

## Decomposition

Analysis of the chemical processes occurring in the system  $\text{PbSO}_4$ -ZnS 117

On the thermal decomposition of copolymers of maleic anhydride with styrene 225

## Degradation

Thermogravimetric study of the degradation of phosphorylated poly(acenaphthylene) 279

DICOR<sup>®</sup> glass

Kinetic parameters for crystallization in DICOR<sup>®</sup> glass 287

## Diisocyanate crosslinking agent

Thermal decomposition study of hydroxyl-terminated polybutadiene (HTPB) solid fuel 181

## Doping

Solid-solid interaction in the pure and  $\text{Li}_2\text{O}$ -doped  $\text{MoO}_3$ - $\text{Al}_2\text{O}_3$  system 235

Double sulfates of Al(III) and Fe(III) with di- or triethanolammonium

Synthesis, characterization and thermal decomposition of double sulfates of trivalent Al and Fe with di- or triethanolammonium monovalent cations 301

## DSC

An improved DSC glass sample container technique 139

Copolymer blends of phenylsulphonylated poly(2,6-dimethyl-1,4-phenylene oxide) and poly(*p*-fluorostyrene-co-*p*(*o*)-chlorostyrene) 259

Thermoanalytical behaviour of histidine complexes with transition metal ions 93

## DTA

Kinetic parameters for crystallization in DICOR<sup>®</sup> glass 287

Phase diagrams of  $\text{SmCl}_3$ - $\text{ZnCl}_2$  and  $\text{SmCl}_3$ - $\text{ZnCl}_2$ - $\text{MgCl}_2$  295

Sol-gel processing and crystallization of yttria-doped zirconia 75

Solid-solid interaction in the pure and  $\text{Li}_2\text{O}$ -doped  $\text{MoO}_3$ - $\text{Al}_2\text{O}_3$  system 235

The role of copper cobaltite spinel,  $\text{Cu}_x\text{Co}_{3-x}\text{O}_4$  during the thermal decomposition of ammonium perchlorate 83

## DTG

Thermoanalytical behaviour of histidine complexes with transition metal ions 93

## Enthalpy of solution

Thermochemical and thermodynamic properties of  $\text{M}(\text{NTO})_n$  and  $\text{M}(\text{NTO})_n \cdot m\text{H}_2\text{O}$  159

## Excess heat of mixing

Excess heat of mixing of 1-propanol or 2-propanol with benzene, toluene, *o*-, *m*- and *p*-xylenes at 298.15 K 51

## Fabrics

Thermal behaviour of cotton-modacrylic fibre blends: kinetic study using the invariant kinetic parameters method 37

## Fire behaviour

Thermal behaviour of cotton-modacrylic fibre blends: kinetic study using the invariant kinetic parameters method 37

## Flow calorimeter

The vapor heat capacities of acetone-chloroform, benzene-carbon tetrachloride and benzene-ethanol binary mixtures 173

## Flow calorimetry

Excess heat of mixing of 1-propanol or 2-propanol with benzene, toluene, *o*-, *m*- and *p*-xylenes at 298.15 K 51