

Thermochimica Acta 258 (1995) 251-254

thermochimica acta

Subject index

Acacia

Thermal decomposition of a Moroccan wood under a nitrogen atmosphere 243

Alkane

Prediction of excess enthalpies of ketonealkane systems from infinite dilution activity coefficients 19

Associated solution

Thermodynamics of alcohol solutions 77

ATPase

Effect of myosin phosphorylation on actomyosin ATPase activity: a flow microcalorimetric study 59

Binary mixture

Enthalpies of mixing of tetrachloroethane with furan, methylfuran, tetrahydrofuran, cyclopentanone and 1,4-dioxane 109

Binary system

Étude du système TeO_2 - TeF_4 . Caractérisation structure et thermique 117

Éxcess molar enthalpies of binary mixtures containing dialkylcarbonates + cyclic ketones at 298.15 or 313.15 K 49

Prediction of excess enthalpies of ketonealkane systems from infinite dilution activity coefficients 19

Thermodynamics of alcohol solutions 77

Calorespirometry

Calorespirometric analysis of plant tissue metabolism using calorimetry and pressure measurement 1

Char

Modelling char formation in isothermal and non-isothermal thermogravimetric experiments 175

Crystal

A non-isothermal differential scanning calorimetry method for the determination of specific surface energies in polymer crystals 197 Cyclodextrin

TG/FT-IR: an analysis of the conditions affecting the combined TG/spectral response 125

Decomposition

Thermochemical investigation of nickel(II)nicotinamide-solvent interactions in solid halogeno and thiocyanato complexes 161

Decomposition isothermal

Modelling char formation in isothermal and nonisothermal thermogravimetric experiments 175 Dehydration

On the existence of lower hydrates of M(OH)X(M is Sr, Ba; X is Cl, Br, I) 189

 $3-(\alpha,\delta-\text{Dicarbox y-}n-\text{propylidenehydrazino})-5,6-$ diphenyl-1,2,4-triazine

Thermodynamic parameters of lanthanoid(III) complexation with $3-(\alpha,\delta-dicarboxy-n-propylidenehydrazino)-5,6-diphenyl-1,2,4-triazine (DCPT). Part 2 219$

Dicarboxylate anhydride

Thermal decomposition of manganese(II) dicarboxylate anhydrides in various atmospheres 231

DSC

A non-isothermal differential scanning calorimetry method for the determination of specific surface energies in polymer crystals 197 Vitrification and crystallization in the R(-)1,2propanediol-S(+)1,2-propanediol system 33

DTA

The preparation of yttrium oxide from a $Y(N_2H_3COO)_3$ $^{3}H_2O$ precursor in various atmospheres 135

DTG

TG/FT-IR: an analysis of the conditions affecting the combined TG/spectral response 125

EGA

The preparation of yttrium oxide from a $Y(N_2H_3COO)_3$, $3H_2O$ precursor in various atmospheres 135

Subject index

Enantiomers

Vitrification and crystallization in the R(-)1,2propanediol-S(+)1,2-propanediol system 33 Enthalpic interaction coefficients

Hydration effect on urea-non-electrolyte enthalpic pair interaction coefficients. Dissolution enthalpies of urea in aqueous solution of alkoxyethanols at 298.15 K 67

Enthalpy

Excess molar enthalpies of binary mixtures containing dialkylcarbonates + cyclic ketones at 298.15 or 313.15 K 49

Enthalpy of complex formation

Enthalpies of mixing of tetrachloroethane with furan, methylfuran, tetrahydrofuran, cyclopentanone and 1,4-dioxane 109

Enthalpy of fusion

Determination of the enthalpy of fusion of $K_2 TiF_6 15$

Enthalpy of mixing

Enthalpies of mixing of tetrachloroethane with furan, methylfuran, tetrahydrofuran, cyclopentanone and 1,4-dioxane 109

Excess enthalpy

Prediction of excess enthalpies of ketonealkane systems from infinite dilution activity coefficients 19

Thermodynamics of alcohol solutions 77

FT-IR

TG/FT-IR: an analysis of the conditions affecting the combined TG/spectral response 125

Glass/crystal

Vitrification and crystallization in the R(-)1,2propanediol-S(+)1,2-propanediol system 33 Glass transition

Étude du système TeO_2-TeF_4 . Caractérisation structure et thermique 117

Gram-Schmidt

TG/FT-IR: an analysis of the conditions affecting the combined TG/spectral response 125

Halide

On the existence of lower hydrates of M(OH)X(M is Sr, Ba; X is Cl, Br, I) 189

Halogeno complex Thermochemical investigation of nickel(II)nicotinamide-solvent interactions in solid

halogeno and thiocyanato complexes 161 High-temperature calorimeter

Determination of the enthalpy of fusion of $K_2 TiF_6 15$

Hydration

Hydration effect on urea-non-electrolyte enthalpic pair interaction coefficients. Dissolution enthalpies of urea in aqueous solution of alkoxyethanols at 298.15 K 67

On the existence of lower hydrates of M(OH)X(M is Sr, Ba; X is Cl, Br, I) 189

Hydrogen bonding

Enthalpies of mixing of tetrachloroethane with furan, methylfuran, tetrahydrofuran, cyclopentanone and 1,4-dioxane 109

Infinite dilution activity coefficient

Prediction of excess enthalpies of ketonealkane systems from infinite dilution activity coefficients 19

Infinite temperature

Kinetic analysis of thermoanalytical data by extrapolating to infinite temperature 145

IRS

On the existence of lower hydrates of M(OH)X(M is Sr, Ba; X is Cl, Br, I) 189

IR spectra

Synthesis, characterization and mode of thermal decomposition of oxalate complexes of cadmium(II) and zinc(II) with hydrazine, and cobalt(II), nickel(II) and copper(II) with hydrazinium cation 205

Ketone

Prediction of excess enthalpies of ketonealkane systems from infinite dilution activity coefficients 19

Kinetics

Kinetic analysis of thermoanalytical data by extrapolating to infinite temperature 145

Lanthanide(III) ions

Thermodynamic parameters of lanthanoid(III) complexation with $3-(\alpha,\delta-\text{dicarboxy-}n-\text{pro-}py)$ idenehydrazino)-5,6-diphenyl-1,2,4triazine (DCPT). Part 2 219

LLE

Thermodynamics of alcohol solutions 77

Manganese(II) dicarboxylate

Thermal decomposition of manganese(II) dicarboxylate anhydrides in various atmospheres 231

Melt

A non-isothermal differential scanning calorimetry method for the determination of specific surface energies in polymer crystals 197

252

Metabolic heat

Calorespirometric analysis of plant tissue metabolism using calorimetry and pressure measurement 1

Metal dicarboxylate

Thermal decomposition of manganese(11) dicarboxylate anhydrides in various atmospheres 231

Microcalorimetry

Effect of myosin phosphorylation on actomyosin ATPase activity: a flow microcalorimetric study 59

Excess molar enthalpies of binary mixtures containing dialkylcarbonates + cyclic ketones at 298.15 or 313.15 K 49

Molecular complexation

Thermodynamics of alcohol solutions 77

Myosin

Effect of myosin phosphorylation on actomyosin ATPase activity: a flow microcalorimetric study 59

Nonlinear nonisothermal TA

Kinetic analysis of thermoanalytical data by extrapolating to infinite temperature 145

Phosphorylation

Effect of myosin phosphorylation on actomyosin ATPase activity: a flow microcalorimetric study 59

Plant metabolism

Calorespirometric analysis of plant tissue metabolism using calorimetry and pressure measurement 1

Polymer

A non-isothermal differential scanning calorimetry method for the determination of specific surface energies in polymer crystals 197 Modelling char formation in isothermal and non-isothermal thermogravimetric experiments 175

Potassium hexafluorotitanate

Determination of the enthalpy of fusion of $K_2 TiF_6 15$

1,2-Propanediol

Vitrification and crystallization in the R(-)1,2-propanediol-S(+)1,2-propanediol system 33

Pyrolysis

Thermal decomposition of a Moroccan wood under a nitrogen atmosphere 243

Racemic

Vitrification and crystallization in the R(-)1,2-propanediol-S(+)1,2-propanediol system 33

Raman

On the existence of lower hydrates of M(OH)X(M is Sr, Ba; X is Cl, Br, I) 189

Redlich-Kister

Excess molar enthalpies of binary mixtures containing dialkylcarbonates + cyclic ketones at 298.15 or 313.15 K 49

Respiration

Calorespirometric analysis of plant tissue metabolism using calorimetry and pressure measurement 1

Solid-state reaction

Kinetic analysis of thermoanalytical data by extrapolating to infinite temperature 145

Surface energy

A non-isothermal differential scanning calorimetry method for the determination of specific surface energies in polymer crystals 197 Synthesis

Synthesis, characterization and mode of thermal decomposition of oxalate complexes of cadmium(II) and zinc(II) with hydrazine, and cobalt(II), nickel(II) and copper(II) with hydrazinium cation 205

Ternary system

Thermodynamics of alcohol solutions 77

TG

The preparation of yttrium oxide from a $Y(N_2H_3COO)_3$, 3H_2O precursor in various atmospheres 135

Modelling char formation in isothermal and non-isothermal thermogravimetric experiments 175

TG/FT-IR: an analysis of the conditions affecting the combined TG/spectral response 125

Thermal decomposition

Thermal decomposition of manganese(II) dicarboxylate anhydrides in various atmospheres 231

Thermal studies

Synthesis, characterization and mode of thermal decomposition of oxalate complexes of cadmium(II) and zinc(II) with hydrazine, and cobalt(II), nickel(II) and copper(II) with hydrazinium cation 205

Thermodynamic parameters

Thermodynamic parameters of lanthanoid(III) complexation with $3-(\alpha,\delta-dicarboxy-n-propylidenehydrazino)-5,6-diphenyl-1,2,4-triazine (DCPT). Part 2 219$

TGA

Thiocyanato complex

Thermochemical investigation of nickel(II)nicotinamide-solvent interactions in solid halogeno and thiocyanato complexes 161

Urea-non-electrolyte

Hydration effect on urea-non-electrolyte enthalpic pair interaction coefficients. Dissolution enthalpies of urea in aqueous solution of alkoxyethanols at 298.15 K 67

Various atmospheres

Thermal decomposition of manganese(II) dicarboxylate anhydrides in various atmospheres 231

VLE

Thermodynamics of alcohol solutions 77

Wood

Thermal decomposition of a Moroccan wood under a nitrogen atmosphere 243

XRD

Étude du système TeO_2 - TeF_4 . Caractérisation structure et thermique 117

Yttrium hydrazidocarbonate trihydrate

The preparation of yttrium oxide from a $Y(N_2H_3COO)_3 \cdot 3H_2O$ precursor in various atmospheres 135

Yttrium oxide

The preparation of yttrium oxide from a $Y(N_2H_3COO)_3 \cdot 3H_2O$ precursor in various atmospheres 135