



ELSEVIER

Thermochimica Acta 272 (1996) 255–258

---

---

thermochimica  
acta

---

---

## Subject index

- AC calorimetry  
AC calorimetric aspect of dynamic differential scanning calorimetry 49
- Acrylonitrile–butadiene–styrene terpolymer  
New test methods to determine the causes of failures in ABS drain waste and vent plumbing systems 211
- Activated carbon  
Heat-flux calorimetric method for the determination of spontaneous oxidative heat rate of active carbon containing oxidizable/volatile organics 87
- Alternating TA  
Alternating thermal analysis techniques 27
- Arrhenius  
Reconciliation of Arrhenius and iso-conversional analysis kinetics parameters of non-isothermal data 41
- Automobile airbag  
Applications of thermal analysis to development of gas generant formulations used to inflate automobile airbags 221
- Coal  
Thermal analysis and coal assessment: an overview with new developments 1
- Controlled conditions  
Characterization of microporous carbons by using TGA curves measured under controlled conditions 65
- Decomposition  
The thermal decomposition of coprecipitates and physical mixtures of magnesium-iron oxalates 11
- Degradation  
Thermal degradation characteristics of vinylidene chloride/2-[3,4-(1,1-dioxycyclopentyl)-phenyl]ethyl acrylate copolymers 139
- DETA  
Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105
- Reutilizing and retesting of parallel plate sensors in dielectric thermal analysis 95
- Dielectric analysis  
Simultaneous dynamic mechanical analysis and dielectric analysis of polymers 125
- DMA  
Dynamic mechanical analysis (DMA) and low temperature impact properties of metallocene polyethylenes 171  
Simultaneous dynamic mechanical analysis and dielectric analysis of polymers 125
- Drain waste and vent plumbing system  
New test methods to determine the causes of failures in ABS drain waste and vent plumbing systems 211
- DSC  
AC calorimetric aspect of dynamic differential scanning calorimetry 49  
Determination of enthalpy relaxation times using traditional differential scanning calorimetry for glycerol and for propylene glycol 201  
DSC analysis for the evaluation of an energy storing wallboard 243  
DSC enthalpy of vaporization measurements of high temperature two-phase working fluids 53  
Sinusoidal temperature treatments in thermal analysis 75  
The property-performance differences between two blended polypropylene fibers 147
- Enthalpy  
Determination of enthalpy relaxation times using traditional differential scanning calorimetry for glycerol and for propylene glycol 201  
DSC enthalpy of vaporization measurements of high temperature two-phase working fluids 53
- Epoxy composites  
A TGA technique for determining graphite fiber content in epoxy composites 191
- Epoxy-glass prepreg  
Simultaneous dynamic mechanical analysis and dielectric analysis of polymers 125

- Fiber content  
A TGA technique for determining graphite fiber content in epoxy composites 191
- Freidman  
Reconciliation of Arrhenius and iso-conversional analysis kinetics parameters of non-isothermal data 41
- Gas desulphurisation  
Versatility of the application of thermal analysis to the simulation of gas desulphurisation 233
- Gas generant  
Applications of thermal analysis to development of gas generant formulations used to inflate automobile airbags 221
- Glycerol  
Determination of enthalpy relaxation times using traditional differential scanning calorimetry for glycerol and for propylene glycol 201
- Heat flux calorimetry  
Heat-flux calorimetric method for the determination of spontaneous oxidative heat rate of active carbon containing oxidizable/volatile organics 87
- Heat storage  
DSC analysis for the evaluation of an energy storing wallboard 243
- High-temperature two phase working fluid  
DSC enthalpy of vaporization measurements of high temperature two-phase working fluids 53
- Ionic conductivity  
Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105
- Kinetics  
Reconciliation of Arrhenius and iso-conversional analysis kinetics parameters of non-isothermal data 41
- Latent heat  
AC calorimetric aspect of dynamic differential scanning calorimetry 49
- Linear heat capacity  
AC calorimetric aspect of dynamic differential scanning calorimetry 49
- Loss factor  
Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105
- Reutilizing and retesting of parallel plate sensors in dielectric thermal analysis 95
- Low temperature impact  
Dynamic mechanical analysis (DMA) and low temperature impact properties of metallocene polyethylenes 171
- Magnesium-iron oxalates  
The thermal decomposition of coprecipitates and physical mixtures of magnesium-iron oxalates 11
- Mechanical reinforcement  
Mechanical reinforcement and thermal transition behaviors in nylon 6-b-polyimide-b-nylon 6 triblock copolymers 157
- Membrane  
Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105  
Reutilizing and retesting of parallel plate sensors in dielectric thermal analysis 95
- Metallocene catalyst  
Polyethylene structural heterogeneity by thermal and rheological techniques 181
- Metallocene polyethylene  
Dynamic mechanical analysis (DMA) and low temperature impact properties of metallocene polyethylenes 171
- Microporous carbon  
Characterization of microporous carbons by using TGA curves measured under controlled conditions 65
- Microscopy  
The property-performance differences between two blended polypropylene fibers 147
- Non-isothermal  
Reconciliation of Arrhenius and iso-conversional analysis kinetics parameters of non-isothermal data 41
- Non-linear heat capacity  
AC calorimetric aspect of dynamic differential scanning calorimetry 49
- Nylon 6-b-polyimide-b-nylon 6 triblock copolymer  
Mechanical reinforcement and thermal transition behaviors in nylon 6-b-polyimide-b-nylon 6 triblock copolymers 157
- Permittivity  
Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105

- Reutilizing and retesting of parallel plate sensors in dielectric thermal analysis 95
- Phase transition
  - AC calorimetric aspect of dynamic differential scanning calorimetry 49
- Poly(vinyl chloride)
  - Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105
  - Reutilizing and retesting of parallel plate sensors in dielectric thermal analysis 95
- Polyethylene
  - Polyethylene structural heterogeneity by thermal and rheological techniques 181
- Polypropylene fiber
  - The property-performance differences between two blended polypropylene fibers 147
- Property-performance difference
  - The property-performance differences between two blended polypropylene fibers 147
- Propylene glycol
  - Determination of enthalpy relaxation times using traditional differential scanning calorimetry for glycerol and for propylene glycol 201
- Proton magnetic resonance thermal analysis
  - Thermal analysis and coal assessment: an overview with new developments 1
- Quality assurance
  - Reutilizing and retesting of parallel plate sensors in dielectric thermal analysis 95
- Relaxation
  - Determination of enthalpy relaxation times using traditional differential scanning calorimetry for glycerol and for propylene glycol 201
- Simulation
  - Versatility of the application of thermal analysis to the simulation of gas desulphurisation 233
- Sinusoidal temperature 75
  - Sinusoidal temperature treatments in thermal analysis 75
- STA/FTIR
  - New test methods to determine the causes of failures in ABS drain waste and vent plumbing systems 211
- Structural heterogeneity
  - Polyethylene structural heterogeneity by thermal and rheological techniques 181
- TA
  - Alternating thermal analysis techniques 27
  - Applications of thermal analysis to development of gas generant formulations used to inflate automobile airbags 221
  - Thermal analysis and coal assessment: an overview with new developments 1
  - Versatility of the application of thermal analysis to the simulation of gas desulphurisation 233
- Tan  $\delta$ 
  - Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105
- Temperature modulation
  - Alternating thermal analysis techniques 27
- TG
  - Sinusoidal temperature treatments in thermal analysis 75
  - Thermal degradation characteristics of vinylidene chloride/2-[3,4-(1,1-dioxycyclopentyl)-phenyl]ethyl acrylate copolymers 139
- TGA
  - A TGA technique for determining graphite fiber content in epoxy composites 191
  - Characterization of microporous carbons by using TGA curves measured under controlled conditions 65
- Thermal transition
  - Mechanical reinforcement and thermal transition behaviors in nylon 6-b-polyimide-b-nylon 6 triblock copolymers 157
- Thermokinetics
  - Heat-flux calorimetric method for the determination of spontaneous oxidative heat rate of active carbon containing oxidizable/volatile organics 87
- TMA
  - The property-performance differences between two blended polypropylene fibers 147
- Transition metal halides
  - Decomposition of vinylidene chloride copolymers in the presence of selected transition metal halides 131
- Tridodecylamine
  - Influence of proton ionophore and negative sites on the dielectric behavior of plasticized poly(vinyl chloride)s 105
- Vaporization
  - DSC enthalpy of vaporization measurements of high temperature two-phase working fluids 53

**Vinylidene chloride copolymer**

- Thermal degradation characteristics of vinylidene chloride/2-[3,4-(1,1-dioxycyclopentyl)-phenyl]ethyl acrylate copolymers 139
- Decomposition of vinylidene chloride copolymers in the presence of selected transition metal halides 131

**Wallboard**

- DSC analysis for the evaluation of an energy storing wallboard 243