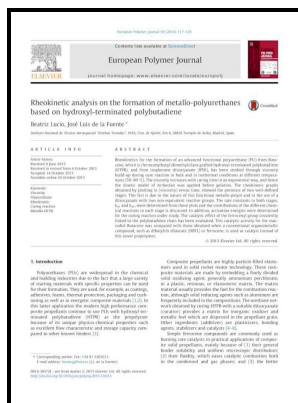


Rheokinetics - rheological transformations in synthesis and reactions of oligomers and polymers

Hüthig & Wepf - A study of the curing process of compounds based on an epoxy oligomer ED



Description: -

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Rheology
Polymers -- Rheology
Rheokinetics - rheological transformations in synthesis and reactions of oligomers and polymers
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Notes: Includes bibliographical references and index.
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Tags: #Rheokinetic #investigations #on #the #thermal #polymerization #of #benzoxazine #monomer

Abstract: Polymerization in a Spray Dryer

An important property is consequently the viscosity of the mixture and therefore the grade of polymerization. If the viscosity is low enough the liquid gets atomized outside the nozzle by the high pressured nitrogen.

Abstract: Polymerization in a Spray Dryer

Reakcija umrežavanja polimera praćena je preko promene reoloških parametara kao što su modul sačuvane energije G' i modul izgubljene energije G'' i $\tan \delta$ u ogledima smicanja između paralelnih ploča ili u ogledima uvijanja. The mixing in nozzle is sensitive because the flow regime is laminar and a radial mass transfer is not existent.

A study of the curing process of compounds based on an epoxy oligomer ED

Based on the polymerization in the rheometer correlations are done to describe the viscosity over time dependent on concentration of initiator and monomer.

Abstract: Polymerization in a Spray Dryer

U svim slučajevima, promena modula sačuvane energije od vremena pokazuje karakterističan 'S' oblik, što je posledica samoubrzavanje reakcije umrežavanja. A na seriji nezasićenih stereoregularnih teleheličnih poliestara maleinske kiseline sa završnim hidroksilnim grupama praćena je reokinetika obrazovanja poliuretana pomoću triizocijanata. Journal of Rheology, 30 367 Winter, H.

Rheokinetic analysis on the formation of metallo

Journal of Applied Polymer Science, 24 4 : 937 Rempp, P.

Abstract: Polymerization in a Spray Dryer

Thus a step wise development of the process is necessary.

Rheokinetic investigations on the thermal polymerization of benzoxazine monomer

The evaluation of the rheological parameters, such as storage modulus G' and loss modulus G'' , was recorded.

Kinetic and thermodynamic analysis of the polymerization of polyurethanes by a rheological method

Kulichikhin, Rheokinetics: Rheological Transformations in Synthesis and Reactions of Oligomers and Polymers Wiley, 2008.

Related Books

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