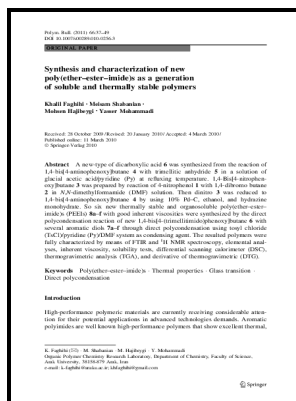


Thermomechanical properties of aromatic polymers

- - US4906689A



Description: -

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Thermomechanical properties of PEGDA and its co

CONCLUSIONS Fully aromatic polyimides are well known to exhibit high thermal stability and resistance to solvents, and as a consequence, they are typically unable to be processed with conventional thermoplastic equipment. The sample films were cut and weighed; weights ranged from 9 to 10 mg. The experiments involved the design and construction of two novel sets of high rate test apparatus.

Salt

Methods General Procedure for Polymerization.

Mechanical and thermomechanical properties of densely crosslinked polymers based on triethylene glycol dimethacrylate copolymers

. How to Calculate Molecular Mass of Polymers? However, their high rate thermomechanical properties are not well understood. Bio-based polyureas PUs are prepared by the polyaddition of a multifunctional bio-photodimer 4,4'-diamino- α -truxillic acid having two amines and two carboxyls with an aromatic isocyanate comonomer.

Thermomechanical Properties of Polyurethane

The polymer composition of claim 1, wherein the conjugated aromatic polymer b is present in an amount of 0. The DC electrical conductivity is thus an important material property for insulating materials, in particular those designed for use in high voltage direct current HV DC cables. Obviously, other modifications and variations of the invention are possible in the light of these teachings.

US4906689A

We reported on the bio-based aromatic diamine 4,4'-diaminotruxillic acid 4ATA that was photonically derived from microorganismal 4-aminocinnamic acid 4ACA.

Thermomechanical Characterization of Thermoplastic Polyimides Containing 4,4'

The resulting data was collected in reflection mode and it was analyzed using Spectrum software. The polymer composition of claim 1, wherein the LDPE a is present in an amount of 90 to 99.

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