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Authors: Jéssica G. Martins, Ariel C. de Oliveira, Patrícia S. Garcia, Matt J. Kipper, Alessandro F. Martins



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Durable pectin/chitosan membranes with self-assembling, water resistance and enhanced mechanical properties

Jéssica G. Martins^a, Ariel C. de Oliveira^b, Patrícia S. Garcia^a, Matt J. Kipper^c,

Alessandro F. Martins^{a,b,c*}

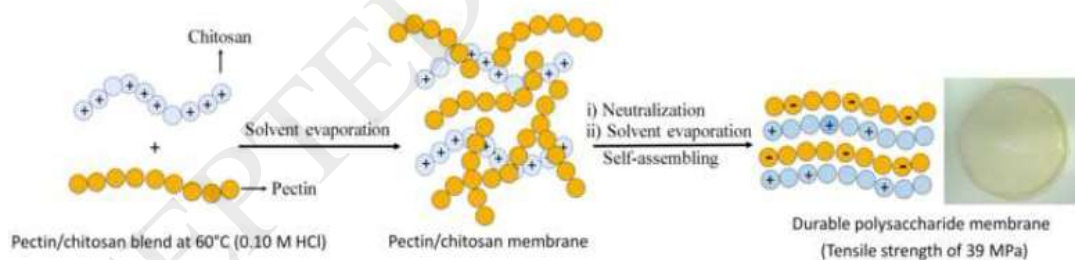
^aPostgraduate Program in Environmental Engineering (PPGEA), Federal University of Technology (UTFPR-AP), 86812-460 Apucarana, PR, Brazil.

^bPostgraduate Program in Materials Science & Engineering (PPGCEM), Federal University of Technology (UTFPR-LD), 86036-370 Londrina, PR, Brazil

^cDepartment of Chemical and Biological Engineering, Colorado State University, 1370 Campus Delivery, Fort Collins, Colorado, United States

*Corresponding author - Phone: +55 43 3310 4545; e-mail: afmartins@utfpr.edu.br

Graphical abstract



Highlights

- New pectin/chitosan membranes were developed from a new procedure.
- Membranes had high water-resistance and high tensile strength.
- The self-assembling of polymer chains induced compact structures.

Abstract

Processing water-soluble polysaccharides, like pectin (PT), into materials with desirable stability and mechanical properties has been challenging. Here we report a new method

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