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Author: John Antoniou Fei Liu Hamid Majeed Haroon
Jamshaid Qazi Fang Zhong



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Physicochemical and thermomechanical characterization of tara gum edible films: Effect of polyols as plasticizers

John Antoniou^a, Fei Liu^a, Hamid Majeed^a, Haroon Jamshaid Qazi^a, Fang Zhong^{a,*}

^aKey Laboratory of Food Colloids and Biotechnology, Ministry of Education, School of Food
Science and Technology, Jiangnan University, Wuxi 214122, P.R. China.

*Corresponding author:

Fang Zhong

Tel: +86 13812536912

E-mail: fzhong@jiangnan.edu.cn

Highlights

!! Free standing edible films were produced from tara gum by the casting method.

!! The influence of polyols as plasticizers on the properties of the films was investigated.

!! Thermomechanical, physicochemical and barrier properties were determined.

!! Incorporation of glycerol improved the thermomechanical properties.

!! Incorporation of sorbitol presented the best barrier properties.

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