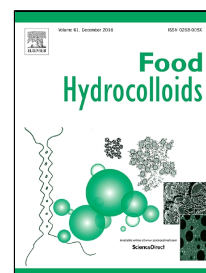


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Characterization of edible packaging films based on semi-refined kappa-carrageenan plasticized with glycerol and sorbitol

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## Highlights

- Edible packaging films were produced from semi-refined kappa-carrageenan (SRC).
- The influence of sorbitol and glycerol as plasticizers was investigated.
- Plasticized SRC films exhibited improved mechanical and oil barrier properties.
- Films with sorbitol were more effective oxygen barriers.
- SRC has a high potential to produce edible packaging films.

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