



#1301

# Biopolymeric Coatings

BIOPOLYMERIC COATINGS FORMULATIONS WITH  
CUSTOMIZED FUNCTIONALITIES

## DESCRIPTION

Formulations involving biopolymers and natural additives are applied onto natural and synthetic polymeric films to improve their gas barrier properties and provide specific functionalities (antioxidant, antimicrobial, among others).

## APPLICATIONS

Materials for active food packaging

## ADVANTAGES

The use of biodegradable polymers replacing some synthetic ones in conventional packaging helps in reducing environmental impact.

## DEVELOPMENT STATUS

Laboratory scale

## RESEARCHERS

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