



Starch Films

STARCH FILMS WITH SPECIFIC FUNCTIONALITIES

KEY WORDS

BIODEGRADABLE
PACKAGING
MATERIALS,

BIO-BASED FILMS,
SUSTAINABLE FOOD
PACKAGING

DESCRIPTION

Starch films are considered potential substitutes for conventional plastics in many industrial applications, following global trends of environmental preservation. This technology allows to produce starch films containing fillers or active compounds that increase the product performance.

POTENTIAL BENEFITS OR IMPACTS

Biodegradable
Obtained from a renewable raw material
Innocuous and biocompatible
Selective gases permeability

TECHNOLOGY MATURITY LEVEL (TRL)

TRL 6: demonstration in a relevant environment.

AREA OF APPLICATION

Food packaging
Biopolymeric coatings

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