Nativia D822

BoPHA-based film, biobased and designed for home compostability, print web

The World's First-Ever Biaxially Oriented PHA Film Produced on an Industrial Scale

Film description

NATIVIA® D822 is a biaxially oriented film based on PHA and part of the **NATIVIA® PLUS** selection of biobased films designed for home compostability. It provides an alternative to fossil-based plastic packaging, especially for applications that are food-contaminated or otherwise unsuitable for recycling.

PHA (polyhydroxyalkanoates) delivers unique properties, as it's an innovative biopolymer synthesized through bacterial fermentation from a wide variety of renewable feedstocks and biodegradable in all environments (including compost, soil, marine and fresh water).

NATIVIA® D822 is a **print web** film, ensuring good printability and contact clarity in home compostable packaging structures.

Film Properties*

- Transparent with Good Contact Clarity
- Good Printability with Enhanced Receptivity to Inks and Adhesives on Treated side
- Good Mechanical Properties for Easy Converting and Processability in Packaging Machines
- Good Flexibility and No Noise
- Reduced Sensitivity to Humidity
- 20 / 25 / 30 µm, with additional thicknesses currently under development

Film Applications*

- Flexographic Printing
- Lamination with other compostable films and paper

*subject to further developments

Taghleef Industries proudly manufactures NATIVIA®.
A Global Brand of Biaxially Oriented Biobased and Biodegradable Films.

Taghleef Industries

For more information, please contact: nativia@ti-films.com