

BF7004 Film

Compostable Sheeting

Product Description

Natur-Tec® BF7004 is a biobased and compostable convertor-grade film having a softer feel. BF7004 meets the requirements of international standards for compostable plastics such as ASTM D6400 (U.S.), EN13432, and ISO 17088.

Product Features

- Engineered for high performance and designed for converter grade film applications
- Provides a broad heat seal range and is soft, translucent, and breathable
- Can easily process on conventional manufacturing equipment
- Available in natural, green, and blue colors as centerfold (CF) sheeting or tube on 3" core
- Certified compostable by the BPI up to 120µm (4.7mils) and TÜV Austria up to 60µm (2.4mils)

Applications

The Natur-Tec® BF7004 film can be converted to gloves. It is also used as primary packaging film for compostable products (cutlery, straws, etc.). Additionally, it is used in secondary and tertiary consumer packaging applications and is sustainable alternative to PE and BOPP films.



BF7004 Technical Data				
Property	Unit		Test Method	Typical Values
Thickness	micron		Internal	18
Yield	(m²/kg)		Internal	44.1
Tensile Strength at Break	(MPa)	MD	ASTM D882	51.8
		TD		45.3
Elongation at Break	(%)	MD	ASTM D882	156.4
		TD		554.7
Dart	(g)		ASTM D1709	300
Haze	(%)		ASTM D1003	67.5

Note: Typical properties of freshly blown 18-micron (0.7mil) thick film. The property values listed above are calculated under standard temperature and humidity conditions. These property values should be viewed as guidelines only and may vary based on processing conditions. No warranties of any kind, either expressed or implied are made regarding products described or regarding designs, data, or information set forth.

Certifications



COMMERCIALLY
COMPOSTABLE ONLY.
FACILITIES MAY NOT
EXIST IN YOUR AREA.
CERT #890984



Food Contact

Natur-Tec® BF7004 film is compliant with food contact regulations (EC) 1935/2004, (EU) 10/2011, and its amendments through (EU) 2019/37.

Shelf Life

Shelf life is minimum 6 months from the date of manufacturing, subject to proper storage and handling conditions.

Storage and Handling: For optimum performance and product life, store in a cool dry place out of direct sunlight. Refer to the Safety Data Sheet and the Processing Guide for specific handling and processing instructions.