

BF7002 Film

Laminated Film Sheeting

Product Description

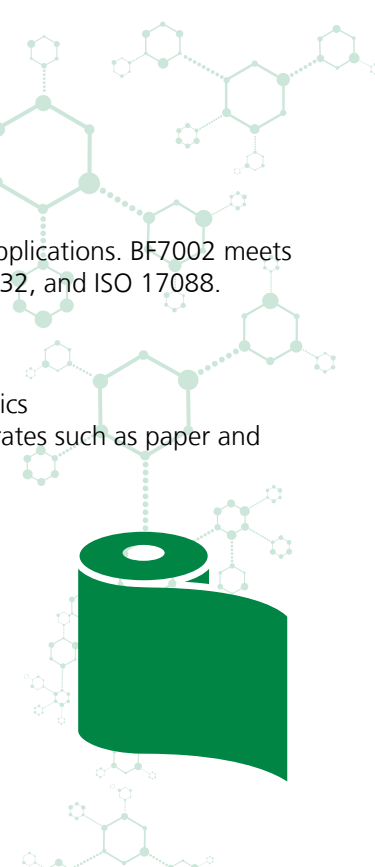
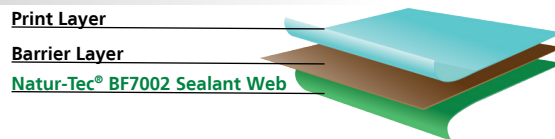
Natur-Tec® BF7002 is a fully biodegradable and compostable polymer film for use in flexible packaging applications. BF7002 meets the requirements of international standards for compostable plastics such as ASTM D6400 (U.S.), EN 13432, and ISO 17088.

Product Features

- Produced using proprietary technologies and is intended to provide alternatives to conventional plastics
- Engineered for high performance and designed for lamination as a sealant layer to a variety of substrates such as paper and other compostable films
- Can easily process on conventional manufacturing equipment
- Certified compostable by the BPI up to 236µm (4.7mils) and TÜV Austria up to 60µm (2.4mils)

Applications

Natur-Tec® BF7002 is laminated to paper and other compostable films as a sealant layer as well as a convertor-grade film for packaging.



BF7002 Technical Data

Property	Unit		Test Method	Typical Values
Specific Gravity	gm/cm ³		ASTM D792	1.3-1.4
Tensile Strength at Break	MPa	MD	ASTM D882	38
		TD		33
Elongation at Break	%	MD	ASTM D882	209
		TD		481
Dart Impact	gm		ASTM D1709	340
COF Film to Film (Static Friction)	-		ASTM D1894	0.34
COF Film to Film (Kinetic Friction)	-		ASTM D1894	0.29
Max Seal Strength	g/25mm	2 bar, 1 sec	ASTM F88	1087
Seal Window, >500 g/in	°C			90-140
OTR	(cc / [m ² - day])		ASTM D3985-02	1374
WVTR	gm/m ² /day		ASTM F1249-01	752

Note: Typical properties of freshly blown 20 micron (0.8mil) 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



Food Contact

Natur-Tec® BF7002 film is compliant with food contact regulations (EC) 1935/2004, (EU) 10/2011, and its amendments through (EU) 2019/37. Specific documents available upon request.

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.