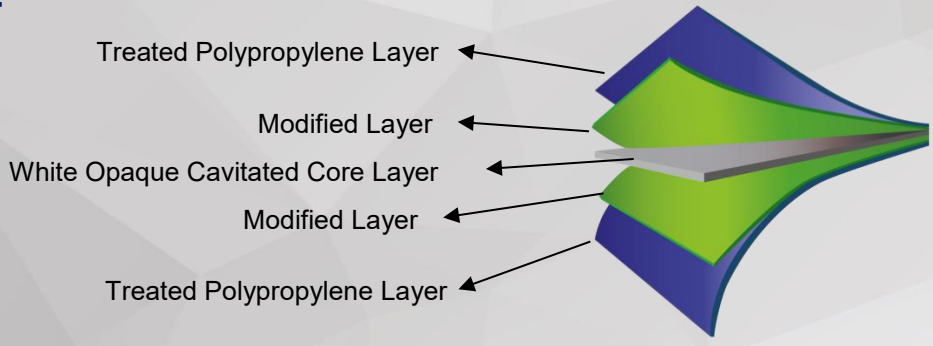
SUPER FILM
PACKAGING FILMS

TECHNICAL DATA SHEET



SUPERSTOCK

1112 P

Description

SUPERSTOCK 1112 P is a white opaque, cavitated, biaxially oriented polypropylene film. Both sides treated and non-heat sealable.

It's face-stock substrate for label stock structure used in pressure sensitive label applications. Inherent dimensional stability and thermal resistance makes them good material for high speed converting and dispensing applications with different types of adhesive formulation.

Any possible caution for blocking tendency during printing and/or other process should be taken since the film is both sides treated.

Properties

- Excellent stiffness and flex resistance
- Tear and split resistance
- Excellent converting, die cutting and dispensing properties
- Compatibility with most adhesive formulations
- Improved resistance to moisture, chemicals, greases and oils
- Excellent ink and coating adhesion on outside treated side
- Outstanding white background
- Excellent dimensional stability and surface smoothness
- Low density and high yield

SANKO

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www.superfilm.com

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Technical Features

PROPERTIES	TEST METHOD	UNITS		1112 P		SPECIFICATION RANGE
THICKNESS	ASTM F2251	micron		50	58	± 5%
		Gauge		200	232	± 5%
YIELD	ASTM D4321	m^2/kg		29,9	25,7	± 5%
		in^2/Lbs		21.000	18.100	± 5%
UNIT WEIGHT	ASTM D4321	g/m^2		33,5	38,9	± 5%
GLOSS (45 °)	ASTM D2457	%		90		± 5
LIGHT TRANSMISSION	ASTM D1746	%		25	20	± 5
OPACITY	DIN 53146	%		80	85	± 5
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm^2	80		± 30
			lb/in²	11.600		± 4.400
		TD	N/mm^2	180		± 30
			lb/in²	26.100		± 4.400
ELONGATION AT BREAK	ASTM D882	MD	%	100		± 30
		TD		40		± 20
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3		± 1
		TD		1		± 1
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,40		± 0,05
		Film/Metal		0,25		± 0,05
SURFACE TENSION	ASTM D2578	Dyne/ cm	Treated Side	min 38		
			Other Side	min 38		

Regulatory Status

Our product complies with the applicable EC legislation on packaging involving direct contact with foods except metallized films. Full details are given on the Regulatory Compliance Certificate and can be found on our web site.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intented to give general information on our products and their applications. Above values are to be considered as guidelines and not as product specifications. Since the actual conditions of use are beyond our control, users are advised to make their own tests at their specific conditions of laboratory and/or actual use. We suggest our customers to determine final suitability for their specific end uses.

Also be advised that information on this data sheet shall not be construed as an inducement or recommendation to use any process or to manufacture or use any product in conflict with existing, pending or future patents.

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