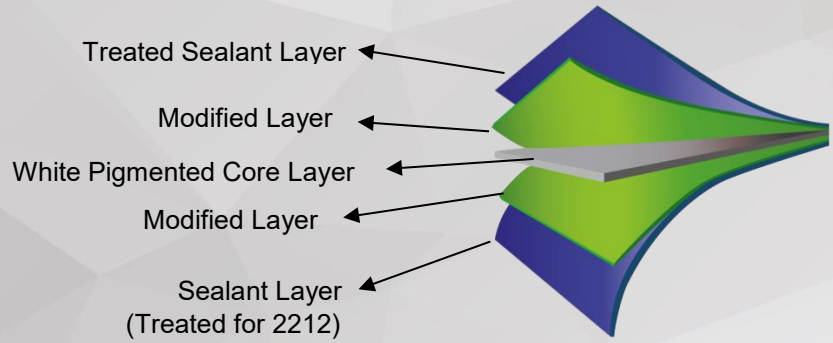
SUPER FILM
PACKAGING FILMS

TECHNICAL DATA SHEET



SUPWHITE

2211 / 2212

Description

SUPWHITE 2211 and 2212 are white pigmented, coextruded, biaxially oriented polypropylene (BOPP) film. Both sides heat sealable. One or both sides treated.

White colored heat sealable film for general packaging applications. It can be used on HFFS and VFFS packaging machines. It can be used as single ply surface print and lamination substrate to itself and other films.

White color also saves white base color print.

Properties

- White appearance
- Outstanding opacity and gloss
- Broad seal range and hot tack
- Good hot slip
- Excellent resistance to chemicals, greases and oil
- Excellent ink and coating adhesion

SANKO

Factory & Head Office
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2. Bölge Hacı Sani Konukoğlu Bulvarı No:1
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Technical Features

PROPERTIES	TEST METHOD	UNITS		2211			2212		SPECIFICATION RANGE
THICKNESS	ASTM F2251	micron		20	30	35	20	35	± 5%
		Gauge		80	120	140	80	140	± 5%
YIELD	ASTM D4321	m^2/kg		51,0	34,0	29,2	51,0	29,2	± 5%
		in^2/Lbs		35.900	23.900	20.500	35.900	20.500	± 5%
UNIT WEIGHT	ASTM D4321	g/m^2		19,6	29,4	34,3	19,6	34,3	± 5%
GLOSS (45 °)	ASTM D2457	%		55					± 5
LIGHT TRANSMISSION	ASTM D1746	%		35	30	25	35	25	± 5
OPACITY	DIN 53146	%		60	70	75	60	75	± 5
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm^2	140					± 30
			lb/in²	20.300					± 4.400
		TD	N/mm^2	240					± 30
			lb/in²	34.800					± 4.400
ELONGATION AT BREAK	ASTM D882	MD	%	170					± 30
		TD		60					± 20
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	%	3					± 1
		TD		1					± 1
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film		0,35					± 0,05
		Film/Metal		0,20					± 0,05
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	min 38			min 38		
			Other Side	-			min 38		
HEATSEAL RANGE	ASTM F88	°C		105 - 145					
		°F		221 - 293					
HEATSEAL STRENGTH (120 °C, 1 MPa, 1 s)	ASTM F88	N/15mm		min 2,0					

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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