



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
- The film shelf life is 6 months for 2211, 3 months for 2212

Technical Features

PROPERTIES	TEST METHOD	UNITS	2211				2212	
THICKNESS	ASTM F2251	micron	20	25	30	35	20	35
		Gauge	800	100	120	140	80	140
YIELD	ASTM D4321	m ² /kg	51,1	40,8	34,0	29,2	51,0	29,2
		in ² /Lbs	35.900	28.700	23.900	20.500	35.900	20.500
UNIT WEIGHT	ASTM D4321	g/m ²	19,6	24,5	29,4	34,3	19,6	34,3
GLOSS (45 °)	ASTM D2457	%	55					
LIGHT TRANSMISSION	ASTM D1746	%	35	33	30	25	35	25
OPACITY	DIN 53146	%	60	65	70	75	60	75
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	140				
			lb/in ²	20.300				
		TD	N/mm ²	240				
			lb/in ²	34.800				
ELONGATION AT BREAK	ASTM D882	MD	170					
		TD	60					
THERMAL SHRINKAGE (120 °C, 5 min, air)	ASTM D1204	MD	3					
		TD	1					
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film	0,35					
		Film/Metal	0,20					
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	38			38	
			Other Side	-			38	
HEATSEAL RANGE	ASTM F88	°C	105-145					
		°F	221-293					
HEATSEAL STRENGTH (120 °C, 1 MPa, 1 s)	ASTM F88	N/15mm	2,0					

“Product Identification (Decision 97/129/EC): PP5”

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 film can also be supplied with ISCC+ certified raw materials with the category of bio-circular feedstock under the product group of SUPRENEW and category of circular feedstock under the product group of SUPCYCLE. SUPRENEW and SUPCYCLE products are certified with “Mass Balance” chain of custody system under ISCC+ and due to chemical processing of the feedstock, there is no compromise & change on any specific feature of the film given in this TDS regardless of the sustainable content in the film. Therefore all product properties of this film covers the same product code with SUPRENEW or SUPCYCLE brand. Three digits will be added to the end of the ISCC+ certified product code. SUPRENEW products will be differentiated with Rxx (R will communicate that the film is circular xx code will communicate the sustainable content % of the film) and SUPCYCLE products will be differentiated with Pxx (P will communicate that the film is circular xx code will communicate the sustainable content % of the film). Further details of the sustainable content of the film will be given in the Sustainability Declaration (SD) prepared for each ISCC+ certified order.

The information contained in this data sheet is true and accurate according to current state of our knowledge and intended 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.

For related spec sheet with tolerance values, please contact our sales departments

STANDARD ROLL DIMENSIONS			
CORE INNER DIAMETER (ID)	CORE OUTER DIAMETER (OD)	LENGTH TOLERANCE	WIDTH TOLERANCE
76 mm (3 in) & 152 mm (6 in)	530 mm & 790 mm *	± 5 for ≤ 390 mm OD ± 10 for > 390 mm OD	- 0 & + 4 mm

* 790 mm OD is available for BOPP films above 350 mm width