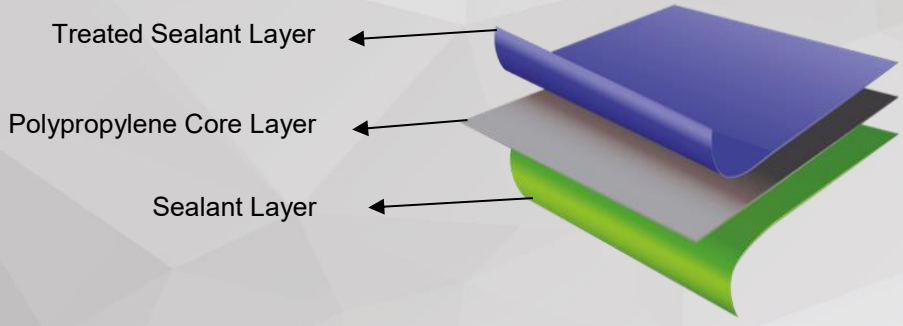

CASTOTEX

NP 2011 S

Description

CASTOTEX NP 2011 S is a transparent, cast polypropylene (CPP) film. Both sides heat sealable. One side corona treated. Excellent broad range heat sealability for high speed packaging applications.

Specially designed with excellent heat sealability, slip and antistatic properties for single ply and lamination applications. These features makes it best substrate for flexible packagings applications such as snacks, pasta, dried foods, bakery, textile, pouch, side-seal bag, bag-in-box.

***Folded version of Castotex NP 2011 S is also available under the code of Castotex NP 2061.**

Properties

- Broad seal range on non-treated side
- Excellent hot tack and heat seal strength
- High clarity and gloss
- Good antistatic property
- Excellent ink and lamination adhesion
- Good moisture barrier
- Resistance to chemicals, greases and oils
- Excellent machinability
- High impact resistance
- The film shelf life is 3 months

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SUPER FILM
PACKAGING FILMS

Technical Features

PROPERTIES	TEST METHOD	UNITS		NP 2011 S								
THICKNESS	ASTM F 2251	micron		25	30	35	38	40	45	50	60	70
		Gauge		100	120	140	152	160	180	200	240	280
YIELD	ASTM D 4321	m^2/kg		44,4	37,0	31,7	29,2	27,8	24,7	22,2	18,5	15,6
		in^2/Lbs		31.200	26.000	22.300	20.600	19.500	17.400	15.600	13.000	10.950
UNIT WEIGHT	ASTM D 4321	g/m^2		22,5	27,0	31,5	34,2	36,0	40,5	45,0	54,1	64,1
HAZE	ASTM D 1003	%		2,0			2,5					
GLOSS (45 °)	ASTM D 2457	%		90								
TENSILE STRENGTH AT BREAK	ASTM D 882	MD	N/mm^2	35								
			lb/in^2	5.100								
		TD	N/mm^2	25								
			lb/in^2	3.600								
ELONGATION AT BREAK	ASTM D 882	MD	%	500								
		TD		600								
COEFFICIENT OF FRICTION	ASTM D 1894	Film/Film		<0.25								
		Film/Metal		<0.20								
SURFACE TENSION	ASTM D 2578	Dyne/cm	Treated Side	36								
			Other Side	-								
SEALING TEMPERATURE (*)	ASTM F 88	°C		120								
		°F		248								

(*) Nontreated side to nontreated side

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 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.

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 *	± % 10 for all OD's	- 0 & + 1 mm

REV: 06 Date: 07.08.2025

SANKO

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