



CASTOTEX

NP 2011

Description

CASTOTEX NP 2011 is a transparent, cast polypropylene (CPP) film. Both sides heat sealable. One side corona treated.

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, retort, pouch, side-seal bag, bag-in-box.

Properties

- Broad seal range on both sides
- Excellent hot tack and heat seal strength
- Excellent wire welding
- High clarity and gloss
- Good moisture barrier
- Resistance to chemicals, greases and oils
- Excellent ink and coating adhesion
- Excellent anchorage to lamination adhesives
- Excellent machinability with superior slip surfaces
- Excellent antistatic property
- High impact resistance

Technical Features

PROPERTIES	TEST METHOD	UNITS	NP 2011								
			25	30	35	38	40	45	50	80	100
THICKNESS	ASTM F2251	micron	25	30	35	38	40	45	50	80	100
		Gauge	100	120	140	152	160	180	200	320	400
YIELD	ASTM D4321	m ² /kg	44,4	37,0	31,7	29,2	27,8	24,7	22,2	13,9	11,1
		in ² /Lbs	31.200	26.000	22.300	20.600	19.500	17.400	15.600	9.800	7.800
UNIT WEIGHT	ASTM D4321	g/m ²	22,5	27,0	31,5	34,2	36,0	40,5	45,0	71,9	90,1
HAZE	ASTM D1003	%	2,0			2,5			3,0		
GLOSS (45 °)	ASTM D2457	%	90								
TENSILE STRENGTH AT BREAK	ASTM D882	MD	N/mm ²	35							
			lb/in ²	5.100							
		TD	N/mm ²	25							
			lb/in ²	3.600							
ELONGATION AT BREAK	ASTM D882	MD	500								
		TD	600								
COEFFICIENT OF FRICTION	ASTM D1894	Film/Film	<0.25								
		Film/Metal	<0.20								
SURFACE TENSION	ASTM D2578	Dyne/cm	Treated Side	36							
			Other Side	-							
SEALING TEMPERATURE	ASTM F88	°C	130								
		°F	266								

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 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 *	± % 10 for all OD's	- 0 & + 1 mm

REV: 01 Date: 22.03.2021