



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

TEST METHOD	U	NITS	NP 2011								
THICKNESS ASTM F2251	micron		25	30	35	38	40	45	50	80	100
ASTM F2251	Gauge		100	120	140	152	160	180	200	320	400
YIELD ASTM D4321	m²/kg		44,4	37,0	31,7	29,2	27,8	24,7	22,2	13,9	11,1
	in²/Lbs		31.200	26.000	22.300	20.600	19.500	17.400	15.600	9.800	7.800
ASTM D4321	g/m²		22,5	27,0	31,5	34,2	36,0	40,5	45,0	71,9	90,1
ASTM D1003	%			2,0 2,5					3,0		
ASTM D2457	%		90								
	MD	N/mm²	35								
ASTM D882	MID	lb/in²	5.100								
	TD	N/mm²	25								
		lb/in²	3.600								
ELONGATION AT ASTM D882	MD	%	500								
	TD		600								
ASTM D1894	Film/Film		<0.25								
7.01W 21004	Film/Metal		<0.20								
ASTM D2578	Dyne/cm	Treated Side	36								
7.01W D2070	29110/0111	Other Side	-								
ACTM EQQ	°C		130								
ASTIVI F88	°F		266								
	ASTM F2251 ASTM D4321 ASTM D4321 ASTM D1003 ASTM D2457 ASTM D882	ASTM F2251 ASTM D4321 ASTM D4321 ASTM D1003 ASTM D2457 MD ASTM D882 TD Dyne/cm	ASTM F2251 Gauge m²/kg in²/kbs ASTM D4321 ASTM D4321 ASTM D1003 ASTM D2457 MD MD MD MD MD MD TD MD Film/Film Film/Metal ASTM D2578 Dyne/cm Mill ASTM D2578 ASTM D882 Mill Treated Side Other Side °C	ASTM F2251 Gauge 100 m²/kg 44,4 in²/Lbs 31,200 ASTM D4321 g/m² 22,5 ASTM D1003 ASTM D2457 MD ASTM D882 TD MD TD Film/Film Film/Metal ASTM D2578 Dyne/cm Micron 25 A44,4 A44 A44 A57/Lbs A1,200 A44,4 A4,4 A4	ASTM F2251 Gauge 100 120 m²/kg 44,4 37,0 in²/Lbs 31.200 26.000 ASTM D4321 g/m² 22,5 27,0 ASTM D1003 % 2,0 ASTM D2457 MD ASTM D882 TD Film/Film Film/Metal ASTM D2578 Dyne/cm Micron 25 30 AV 30 AV 44,4 37,0 26.000 26.000 27,0 ASTM 20	ASTM F2251 Gauge 100 120 140 M²/kg 44,4 37,0 31,7 in²/Lbs 31,200 26,000 22,300 ASTM D4321 g/m² 22,5 27,0 31,5 ASTM D1003 % 2,0 ASTM D2457 MD MD TD MD TD Film/Film Film/Metal ASTM D1894 ASTM D2578 Dyne/cm MC Treated Side Other Side *C	ASTM F2251 Micron 25 30 35 38 Gauge 100 120 140 152 Maxim D4321 m²/kg 44,4 37,0 31,7 29,2 In²/Lbs 31,200 26,000 22,300 20,600 ASTM D4321 g/m² 22,5 27,0 31,5 34,2 ASTM D1003 % 2,0 ASTM D2457 % ASTM D882 MD TD ASTM D882 TD MD TD ASTM D884 Film/Film ASTM D1894 Film/Metal ASTM D2578 Dyne/cm Treated Side Other Side Other Side ASTM F88	ASTM F2251 Gauge 100 120 140 152 160 m²/kg 44,4 37,0 31,7 29,2 27,8 ASTM D4321 in²/Lbs 31,200 26,000 22,300 20,600 19,500 ASTM D4321 g/m² 22,5 27,0 31,5 34,2 36,0 ASTM D1003 % 2,0 2 ASTM D2457 MD N/mm² 1b/in² 1b/in² 35 N/mm² 1b/in² 3,600 ASTM D882 TD MD TD Film/Film ASTM D1894 Film/Metal ASTM D2578 Dyne/cm Treated Side Other Side Other Side - 130	ASTM F2251 Gauge 100 120 140 152 160 180 m²/kg 44,4 37,0 31,7 29,2 27,8 24,7 ASTM D4321 in²/Lbs 31.200 26.000 22.300 20.600 19.500 17.400 ASTM D4321 g/m² 22,5 27,0 31,5 34,2 36,0 40,5 ASTM D1003 % 2,0 2,5 ASTM D2457 MD ASTM D882 N/mm² 1b/in² 1b/in² 5.100 ASTM D882 ASTM D882 MD TD MD TD Film/Film Film/Metal Film/Metal ASTM D2578 Dyne/cm Treated Side Other Side Other Side *C 130 44,4 37,0 31,7 29,2 27,8 24,7 29,2 27,8 24,7 29,0 31,5 34,2 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 36,0 40,5 40,5 40,5 40,5 40,5 40,5 40,5 40	ASTM F2251 Micron 25 30 35 38 40 45 50 Gauge 100 120 140 152 160 180 200 ASTM D4321 m²/kg 44,4 37,0 31,7 29,2 27,8 24,7 22,2 ASTM D4321 g/m² 22,5 27,0 31,5 34,2 36,0 40,5 45,0 ASTM D1003 % 2,0 2,5 ASTM D2457 % 90 ASTM D82 MD	ASTM F2251 Micron 25 30 35 38 40 45 50 80

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 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: 01 Date: 22.03.2021

