



Skin A : Corona Treated

Core B : Core Layer

Skin C : Seal Layer

Product description

Straight cut PP film for retort

Particularities:

Straight cut along machine direction

White film

Applications:

Retort and sterilizable

Good sealing performance

CHARACTERISTIC	TEST METHODOLOGY	UNIT		VALUES		
				Average		
Thickness	Micrometer	Micron		50	60	80
Density	RC-Film Method	g/cm ³		0.92	0.92	0.92
Weight	RC-Film Method	g/m ²		46.0	55.2	73.6
COF dynamic	ASTM D-1894	NT/NT	Dynamic	0.5 – 0.7	0.5 – 0.7	0.5 – 0.7
	ASTM D-1894	T/T	Dynamic	0.5 – 0.7	0.5 – 0.7	0.5 – 0.7
Corona treatment	ASTM D-2578	dynes/cm ²		38	38	38
Back treatment	ASTM D-2578	dynes/cm ²		34	34	34
Shrinkage	120 degC 10min	MD	%	8	8	8
Trouser tear propagation	ASTM D-1922	before retort	N	1.6	1.6	1.6
	Laminated PET12/Al7/Ny15/CPP	after retort	N	0.7	0.7	0.7
Heat Seal strength pre-retort	<i>RC-film method plain cPP non laminated PET cover Heat seal pressure = 4 bar Time=1 sec, Speed =250 mm/min</i>	Condition		Non Laminate		
		170 degC	N/15mm	16.0	22.0	24.0
		180 degC	N/15mm	18.0	24.0	28.0
		190 degC	N/15mm	24.0	28.0	30.0
		200 degC	N/15mm	26.0	30.0	32.0
Heat Seal strength post-retort	<i>RC-film method plain cPP non laminated PET cover Heat seal pressure = 4 bar Time=1 sec, Speed =250 mm/min</i>	Condition		Non Laminate		
		170 degC	N/15mm	15.0	20.0	24.0
		180 degC	N/15mm	18.0	22.0	26.0
		190 degC	N/15mm	22.0	24.0	28.0
		200 degC	N/15mm	24.0	26.0	30.0
Elongation at break	ASTM D-882	MD	%	100	100	100
		TD	%	500	500	500
Tensile strength at break	ASTM D-882	MD	kg/mm ²	10	10	10
		TD	kg/mm ²	2	2	2

MD : Machine Directions
TD : Transverse Directions

T : Corona Tret
NT : Non Corona Tret

Storage conditions:

- we recommend to store material in a dry environment at temperature not below 15 degC
- we recommend to use the material within 6 months from production
- we recommend to keep the film at room temperature for at least 24 hrs before using it