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TYVEK STERILIZATION POUCH AND REEL (2FS)

Product Code : TYSR

- Properties : All printing is made inside the 11 mm sealing area to prevent pigment migration by using water based inks which are appropriate with EN 868-5,
- The product inside packaging can be seen easily because of transparent multi-layer co-polymer film.
 - High resistant, strengthened, non-toxic film.
 - Can be easily closed with any kind of set top closing device.
 - Appropriate to the norms of non-toxic process indicators ISO 11140.
 - Easily opening non-tearing with indicated opening direction.
 - Tyvek reels are used for ethylene oxide, gaz plazma (VH2O2) sterilization. The sterilization conditions should be determined by the end user regarding to material to be sterilized.

TYEK 2FS	PROPERTIES	UNIT	TYPICAL VALUE
	DELAMINATION	N/2.54 cm	2,7
	BASIC WEIGHT	g/m ²	60
	POROSITY	sec	22
	OPACITY	%	94
	THICKNESS	mils	155
	SPENCER PUNCTURE	J/m	5254
	MULLEN BURST	kPa	925
	HYDROSTATIC HEAD	cm H2O	145
	ELMENDORF TEAR, XD	mN	3694
	ELMENDORF TEAR, MD	mN	2803
	TENSILE STRENGTH,XD	N/2.54 cm	157
	TENSILE STRENGTH,MD	N/2.54 cm	156
	FREE FROM LEAD AND HEAVY METALS AND TOXIC MATERIALS		

LAMINATED FILM	PROPERTIES	UNIT	STANDART OR TEST METHOD	TYPICAL VALUE		
	THICKNESS	Micron	ASTM D 374	LAM. FILM	62 ± 5	
				PE	50 ± 5	
				BOPET	12 ± 2	
	COF	F / M	ASTM F 1894	0,30-0,35		
		M / M		0,35-0,40		
	THERMAL SEAL	°C	ASTM F 88	110 ± 5		
	TEAR	G	MD	D 1922	50 ± 5	
					TD	60 ± 5
	GLOSS	%	ASTMD 2457	60 ± 5		
			FREE FROM			
			-- <u>SOLVENTS</u>			
			-- <u>LEAD AND HEAVY METALS</u>			
			-- <u>TOXIC MATERIALS</u>			

PRODUCT SPECIFICATIONS

	PROPERTIES	UNIT	STANDARD OR TEST METHOD	TYPICAL VALUE	
	REEL	SEAL STRENGTH	cm	ASTM F 88	< 25
gr /15 mm) N			3,0 ± 0,5		4,0 ± 0,75
BUBBLE TEST			ASTM F 2096-04	None	
PINHOLE DETERMINATION			EN 868-5 Annex C	None	
DIMENSION CONTROL		cm or mm	ASTM F 2203-02	Desired Dimesions	
LEAKAGE TEST			ASTM F 1929-98	None	
PEEL DIRECTION			EN 868-5 Annex E	Must not break the particle	
INDICATOR CONTROL			ISO 11140-1	Must return the specified color	

INDICATOR	STERILIZATION METHOD	BEFORE STERILIZATION	AFTER STERILIZATION
	VH2O2	RED	BLUE