



MEDFORM

NP 3010 E

Description

MEDFORM NP 3010 E is a transparent, one side heat sealable, nontreated multilayer cast film.

It is specially designed to be used as a web on thermoforming machines for the packaging of medical products to seal to suitable substrates to form an integral pack. It is suitable for sterilisation by ethylene oxide.

Heat sealable layer is modified to have a sealing capability to special coated papers without any fiber pick-up when the pack is opened.

Properties

- Excellent thermoforming capability
- Good mechanical behaviour after thermoforming
- Excellent optics after thermoforming
- Easy peel sealing property to special papers
- No fiber pick-up from paper
- Excellent resistance to chemicals, greases and oils

Technical Features

PROPERTIES	TEST METHOD	UNITS		NP 3010 E	
THICKNESS	ASTM F 2251	micron		70	80
		Gauge		280	320
YIELD	ASTM D 4321	m ² /kg		15,6	13,7
		in ² /Lbs		10.950	9.600
UNIT WEIGHT	ASTM D 4321	g/m ²		64,1	73,0
HAZE	ASTM D 1003	%		6,0	8,0
GLOSS (45 °)	ASTM D 2457	%		85	
TENSILE STRENGTH AT BREAK	ASTM D 882	MD	N/mm ²	35	
			lb/in ²	5.075	
		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		0.50	
		Film/Metal		0.25	
SURFACE TENSION	ASTM D 2578	Dyne/cm	Treated Side	-	
			Other Side	-	
DELAMINATION STRENGTH TO SPECIAL PAPER (*) (120° C, 1 MPa, 1 s)	ASTM F 88	N/15mm		1,5	

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