

< 1

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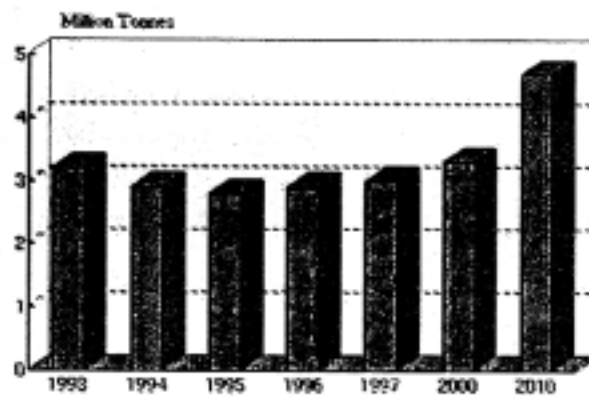
7.

Fluff Pulp, , (SAP),
(core) , .

.

7.1 Fluff Pulp (SAP)

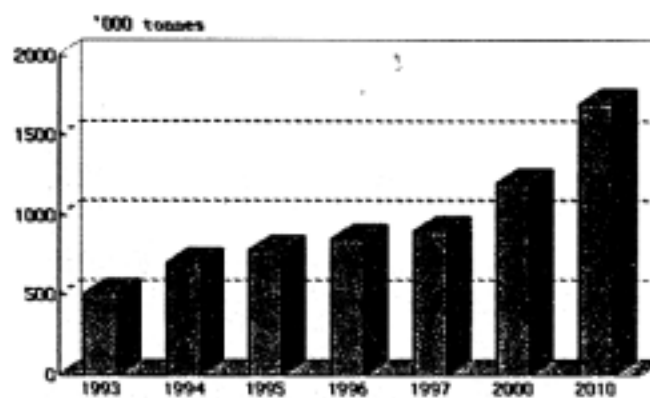
가 가
가 .



< 4> fluff

< 4> 1993 2010 fluff

1993 1995 8% , 가
가 , .
가
. 가 P&G 가
‘curly fiber’ . ‘curly fiber’
P&G .
Weyerhaeuser가 HBA(high bulk additive)가 ,
/
CTMP .
가
(SAP) . SAP 가
가 가 ,
가 .
가 1980 10% 가
가 45% .



< 5>

(SAP)

가

.

.

7.2 (cover stock)

,

< 6>

.

,

가

.

/ (S/M)가

.

가

가

가

가

가

.

,

(leg

cuff)

/

(S/M)

가

.

,

“topsheet”

.

가

가

가

.

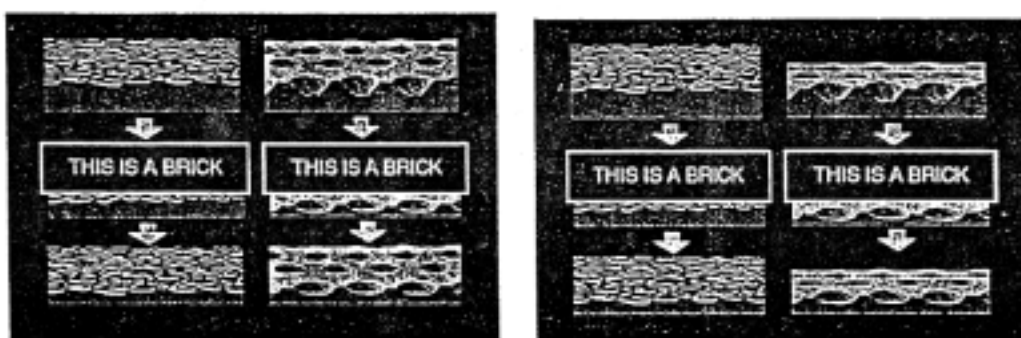
· Smoother

· Loftier

- Wet skin friction
- Drier
- Acquisition rate

Coverstock manufacture

- Carded
- Spunbonded
- Other
- Dry formed latex
- Dry formed thermal
- Dry Formed hydroent angled
- Spunbond
- Film based
- Variations



< 6>

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가

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가

가

가

, P&G ‘Always’

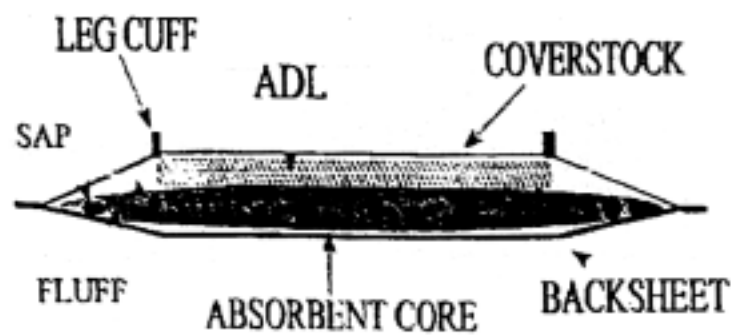
(가)

가 가

7.3 (ADL)

< 7> (ADL)

가 .


$$\langle \quad \quad \quad \rangle \quad \quad \quad / \quad \quad \quad (\text{ADL})$$

가 SAP
 , 가
 .
 , 가
 SAP 가
 , , SAP
 (gel) .

.
 ,
 (core)
 , 가
 < 6> .
 < 8> Jacob Holm
 . 3

.
 2
 (binder fiber)

.

(, ,) /

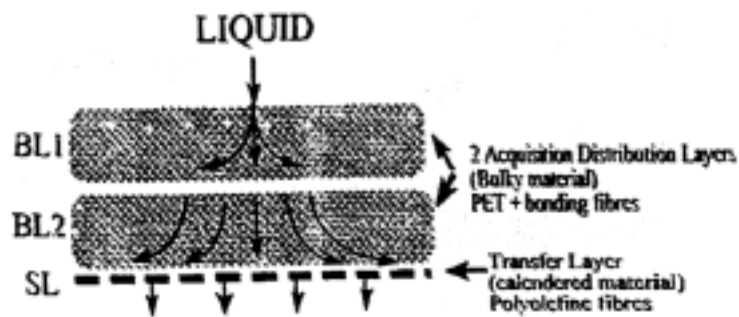
.

, () 가

2 가 ,

가 , 3

가 .



< 8>

7.4 (backsheet)

<

9> .

- Basis Weight
- Thickness
- Noise
- Stretch
- Puncture/Tear
- Color/Opacity
- Surface Texture
- Adhesion/Pull Strength
- CLOTHLIKE BACKSHEET
 - Softness
 - Coverage
 - Visual Appearance
 - Elongation and Stretch Properties
 - Bonding Abilities
 - Noise
 - Cost versus Basis Weight

● BREATHABLE FILMS?

FILMS

- Macro-Porous
- Micro-Porous
- Solid Membranes

< 9>

7.5

< 8>

· , ,
가
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< 8>

Backsheet

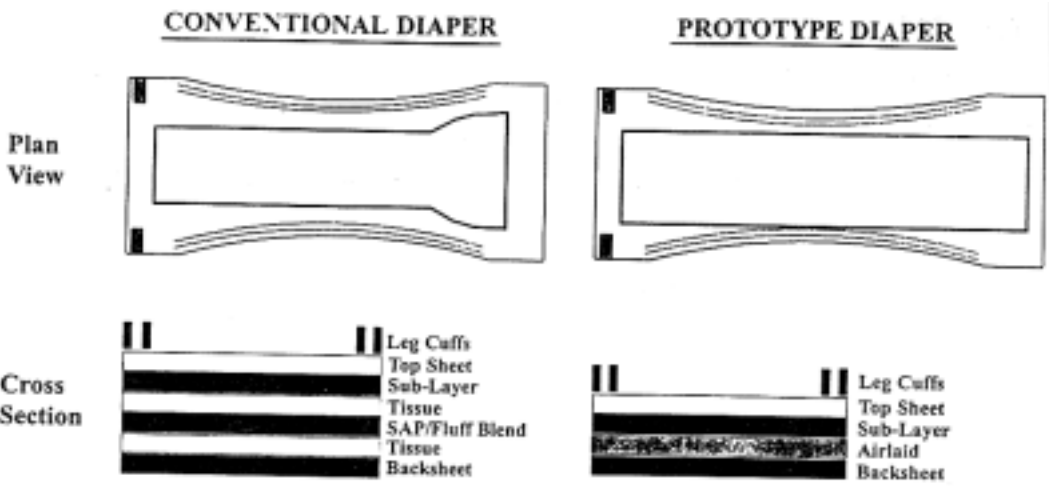
가
(SAP) (ADL)
가 .

· 가

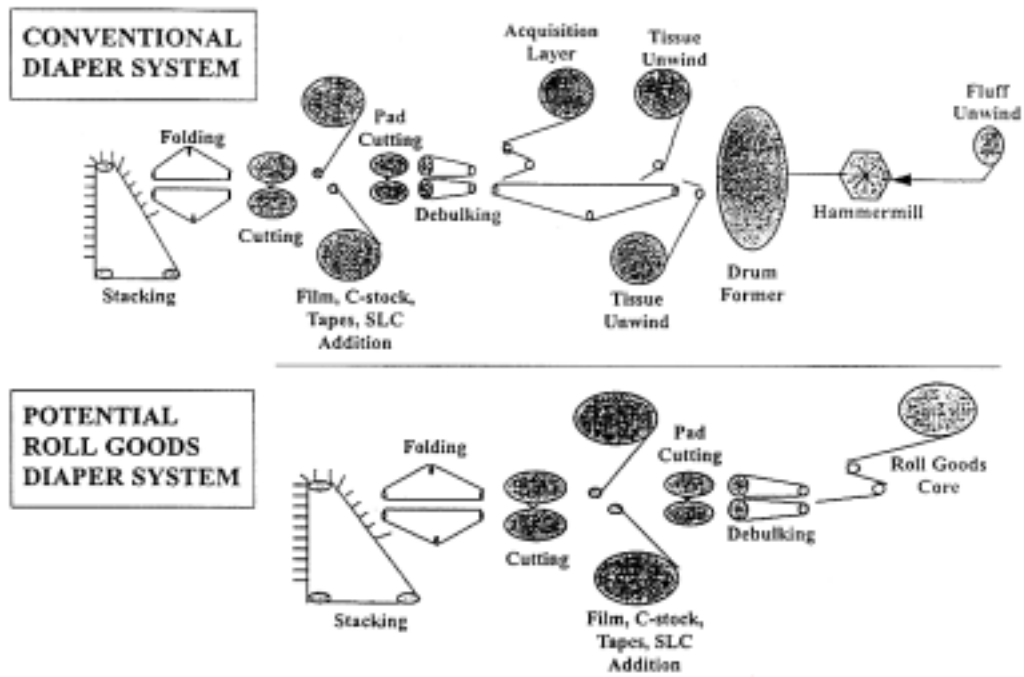
가 .

, ,

< 10> < 11>



< 10>



< 11>

4.

7%

12%

가

, P&G KC 가

(SAP)

(ADL)

가