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(74)
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(54)

N.V.H.(Noise,Vibration,Hashness)

PET (Polyester staple fiber)

1

1 PET

2 PET

3 PET Fiber

4 PET FELT

5 ,

(a) 3 ,

(b) 3 .

6 PET FELT Heavy Layer

*

10: PET 11:

12: 13:

20: 25: Heavy Layer

30: 31:

PET (Polyester staple fiber)

N.V.H. (Noise, Vibration, Hashness)

가

가

가

가

가

FELT

PET

, PET

, 가 ,
N.V.H

가

PET

가

PET (Polyester staple fiber) , (8~5
 0%), WEB ,
 0.7 ~ 6 , ,
 50% 30% 가 10 ~
 WEB 가
 2 , , , , ,
 3 WEB
 WEB 80 ~ 180 PP
 PET/PE, PET/PP, PET/PA, PET/ PET (bicomponent type)
 2 - 10 15 - 50% ,
 30 - 76mm
 WEB ;
 WEB
 Heavy Layer 가 가
 1 5(b) 3 (10) (11)
 (12) (13) ,
 3 PET
 (11) PET regular
 1.5 - 6D 30 - 76mm 30 - 50% 1.5 - 6D 30 - 76mm 20 ~ 50%, 20 ~ 30%
 100 ~ 1,200g/m²
 (12) ,
 가 PET 1.5 - 6D, 30 ~ 76 mm 50 ~ 60% (conj
 ugate hollow type) 1.5 - 6D, 30 - 76mm 10 ~ 30% 2 - 10D, 30 - 7
 6mm 20 ~ 30% 300 ~ 1,200g/m²

(13) PET regular 1.5 - 6D, 30 ~ 76 mm 30 - 50% 1.5 - 6D, 30 - 76mm 40 ~ 50% 20 ~ 30% 100 ~ 1,200g/m²

PET/PA, PET/ PET 2 - 10 , 30 ~ 76mm PET/PE, PET/PP, 80 - 180

uper Cleaner 3 WEB (10) 4 (S) Bale Braker M/C) Multi Mixing Room 6 - 10 (Opening) (Mixing) Fine Opener가 가 (Weig (Combing A) (Shute Feeder) (Transferring Action) (Cross Lapper) (WEB) 2 3 3 2 ~ 3 5b 500 - 2,000

g/M² , 3 (PET 1) 10 - 40mm WEB 가 가

PET (Polyester staple fiber) 3 (PET 2) , PP , PVC , , ,

ILE), (EVA), WEB (POLYAMIDE), (POLYESTER), (POLYPROPYLENE), (POLYURETHANE) HOT MELT ADHESIVE (POLYACRYLONITR POWDER

가 (10) 2 ASM, EVR, PVC (20) Hot air circulation 2 , 3

PET(PET) 3 (PET 1) 2 (PET 2) Impedance Tube 3,150Hz PET PET 1 12.5 %

< >

TEST SAMPLE

[1]

	Fiber (%)	(g/M ²)
PET	: PET(reg.) 6x51 70%, LMF 30%	1,200
1	: PET(reg.) 1.5x38 40%, PET() 30%, LMF 30%	400
	: PET() 50%, Conj.3x51 30%, LMF 20%	500
	: PET(reg.) 1.5x38 30%, PET() 40%, LMF 30%	300
2	: PET(reg.) 2x51 40%, PET() 30%, LMF 30%	800
	: PET() 50%, Conj.3x51 20%, LMF 30%	400
	1. : 1,2kg/M ² , : 20mm .2. " " LMF PET(S/C) 4 x 51mm .3. " " PET() 1.5 x 38mm .	

WEB

가

20 - 100Points/cm²

Pre - needling

100 - 200Points/cm²

150 ~ 250

Main - needling

Hot air circulation

1 ~ 3

, Heavy Layer

PET FELT Heavy Layer

PET

, 1

Infrared

PET

;

2 가

Heavy Layer

;

3

PET

Heavy Layer

6

(30)

;

4 가

PET FELT Heavy Layer

, 100%

가

가

(57)

1.

PET (Polyester staple fiber)

WEB

2.

1 , WEB

PET regular 1.5 - 6D, 30 - 76mm 가 30 ~ 50% , PET 1.5 - 6D, 30 - 76mm 가
 20 ~ 50% , 2 - 10D, 30 - 76mm PET/PE, PET/PP, PET/PA, PET/
 PET TYPE 20 ~ 30% 100 ~ 1,200g/m²

가 PET 1.5 - 6D, 30 ~ 76mm 50 ~ 60% (conjugate hollo
 w type, 8 ~ 50%) 1.5 - 6D, 30 - 76mm 10 ~ 30% 1.5 - 10D,
 30 - 76mm PET/PE, PET/PP, PET/PA, PET/ PET TYPE 20 ~ 30%
 300 ~ 1,200g/m²

PET regular 1.5 - 6D, 30~76 mm, 30 ~ 50% (S/C) 1.
 5 - 6D 30 - 76mm 40 ~ 50% PET/PE, PET/PP, PET/PA, PET/ PET TYPE
 20 ~ 30% 100 ~ 1,200g/m²
 3 600 - 2,000g/m², 20 - 40mm

3.

1 , 가 1.5 ~ 6 ,
 30 ~ 76mm 15 ~ 80%

4.

1 , Hole() 4 8 - 50% 가
 1.5 ~ 6 , 30 ~ 76mm 10 ~ 30%

5.

1 , (sheath core type) 1.5 ~ 10 , 30 ~ 76mm ,
 10 ~ 50% , PET/PE, PET/PP, PET/PA, PE
 T/ PET 80 - 180

6.

1 ,
 PET (Polyester staple fiber) 2 3 , ,

7.

1 ,
 , PP , PVC , ,
 가 , , ,

8.

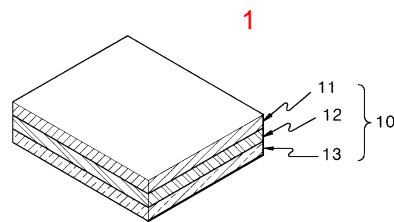
1 ,
 (EVA), (POLYURETHANE), (POLYAMIDE), (POLYESTER), (POLYETHYLENE), HOT MELT ADHESIVE, (POLYPROPYLENE), (POLYACRYLONITRILE),

9.

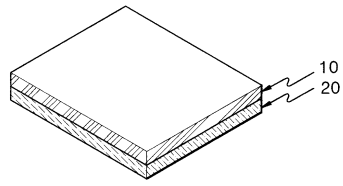
1 ,
 Heavy Layer

10.

1 ,
 WEB 20 - 100Points/cm² Pre - needling 100 - 200Points/cm² Main - needling 가



2



3

PET 섬유 종류

1) 레귤러형 단면 ○

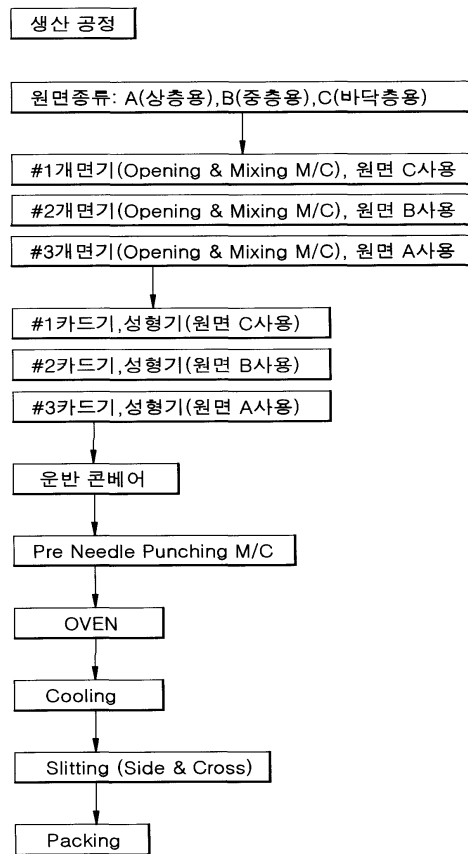
2) 이형 단면 ○ □ △ ☆ ∞
타원 편평직사각형

3) 콘주게이트사(HOLLOW) ⊙ 중공

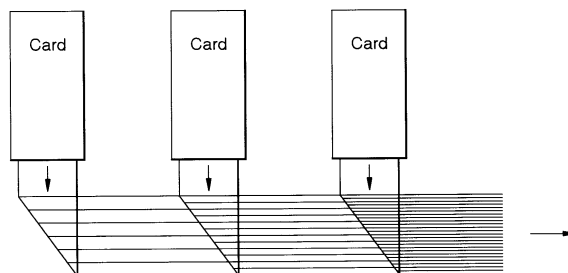
4) 시스코아형 저융점 바인더 섬유

- ⊙ 변성 PET
- ⊙ PET
- ⊙ NYL6
- ⊙ PET
- ⊙ P.E
- ⊙ PET
- ⊙ PP
- ⊙ PET

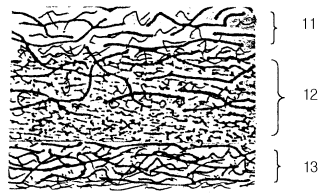
4



5a



5b



6

