

(19)
(12)

(KR)
(B1)

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(22) 1995 08 25 (43) 1996 06 17

(30) 94 - 288435 1994 11 22 (JP)

(72) 186 - 5

가 가 가 가 454 - 58

가 가 가 35 - 4

가 가 가 35 - 4

가 가 가 35 - 4

(74)

1

(54)

1

1 (a - c) / 가 3 ,

2 가 ,

3 1 ,

4 2 ,

5 3 ,

6 ,

7 / 가 가 , ,

8 (PET) (PE)

,

9 ,

10 ,

11 .

1 (core) 2 (sheaih)

3 4

5 6

7, 8, 9 10

, 가 .

08/264,762 , () 6 - 20554
가
가
가
100%

, 가 , 가 , 가 .
, 가 , / 가 [()6-20554].

가
가

(海部)
(島部)

() 1 - 64726

3

가

T)

(PE

가

가

가

() 4

- 294501

() 4 - 294501

가

가

가

가

가

가

가

가

1

1

가

1

/

가

2 3 , 가 /

, / 가 , 가 / 가

/ 가 가

가

(PTFE) ; 가 (EVOH) . (EVA)

가 .

1

($20\mu\text{m}$, (50g/m^2 , 200KGY, 53%, 4.8meq/g = 1), 50%, , 40, 6)

Na , X
가 .

(H) 20mm , 2 가 0.
4q , 31/ , 가 .

2 , 3 (401) , 4 (20mmØ) (5)가 . 6
. 7, 8, 9 . 10 .

(3) - - . 3 , 40ppm , 50 , 10ppm , 2 , 5ppm

1

20μm, 가 40g/m², 1 가 , 58%, . 5.0meq/g ,

1 , 2 가 가
3 - - . 가 10ppm 1 50

2

(20μm, (= 1) / (I/I),
 (40g/m²) 200kGy, , , ,
 45 7 138% .
 80 8 . 2.42meq/g
 가 .

(H) 20mm 1 2 가
4 - - .
20 10ppm . .
40ppm

2

20 μm , 135%, 2.45meq/g, 40g/m², 2 가

1, 2
/ 가 , , , 가

3

20 μm (55g/m²), 116% (100kGy), = 0.7
가 , 50 3 가

300Mℓ 20mm , 0.5g . (110mg/ Cu), 1
20mg/ (Cu) . 5 .

3 8 , 9 ,
11

3

20 μm (60g/m²) 3
, 131% 가 가
5.19meq/g .

3 20mm , , , 40mg/ (Cu),
5 1 / 가

4

(a) (PE)()/ (PP)() (17 μm) 50g
/m² , , , 153%

8%, 12%, 80% , 80 8
7% , H (a) PE/PP

(b) (PE)() (17 μm) (b)
PE/PET (50g/m²) (a) 10 (b)

(a) (b) , (a) PE/PP - - - , (b) PE/
PET - - - (b) PE/ 가

가

200g 가 , (a) PE/PP (b) PE/PET (20cm x 4cm)
 1 / 가 TOC 1
 1

가스 방출 섬유	SO ₂ 방출 양		TOC 방출 양	
	25°C	65°C	25°C	65°C
(a) PE/PP	< 2 μg/h·kg	96 μg/h·kg	< 5 μg/h·kg	1200 μg/h·kg
(b) PE/PET	< 2 μg/h·kg	5 μg/h·kg	< 5 μg/h·kg	320 μg/h·kg

(1kg 1)

5 SO₂

1 r - 200kGy , 150% 가
 45 3 141% 가
 70 3 2.89mcq/g , 30%

200mm 1
 SO₂ 30ppm , 40 1ppm

6 CO₂

1 r - 200KGy ,
 (CMS) , CMS 112% 가 40 7
 10% 50 3 OH 4
 5% 2.38mg/g

20mm ,
 1 (CO₂)
 CO₂ 130ppm , CO₂ Oppm
 50 1ppm

7 H₂S

Figure 1 displays a 3x3 grid of ^1H NMR spectra showing the effect of H_2S , NO_3 , and HF on the ^{13}C NMR spectrum of S. The top row shows the ^{13}C NMR spectrum of S with chemical shifts from 0 to 6 ppm. The middle row shows the addition of H_2S at 0.0, 3, and 30 ppm. The bottom row shows the addition of NO_3 at 0.5, 2, and 30 ppm. The bottom-left corner shows the addition of HF at 0.5, 5, and 1 ppm. The labels '가' are placed below the x-axis of each spectrum.

(57)

1.

(core)/ (sheath) 가

2.

1

가

3.

1 ,

가 가
/

4.

3 ,

가 , 가

5.

1 ,

가 0.1 10

6.

1 ,

, 가

7.

1 6 ,

, (woven) (nonwoven), , 가

8.

, / ,

9.

8 ,

,

10.

8 , 가 , 가

11.

8

,

가

12.

8

,

가

,

가

,

,

가

,

13.

12

,

가

.

.

14.

8

,

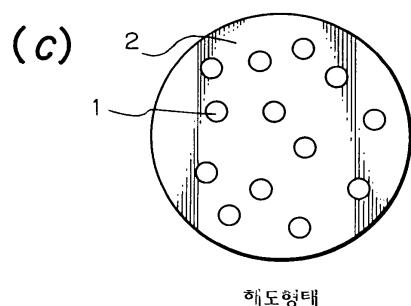
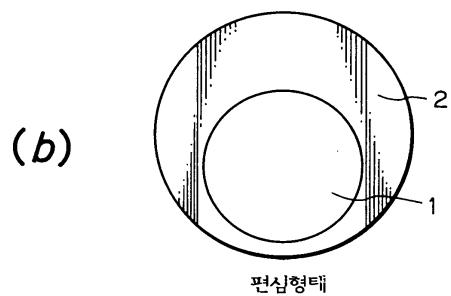
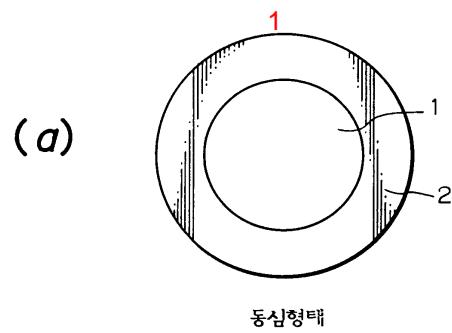
가

,

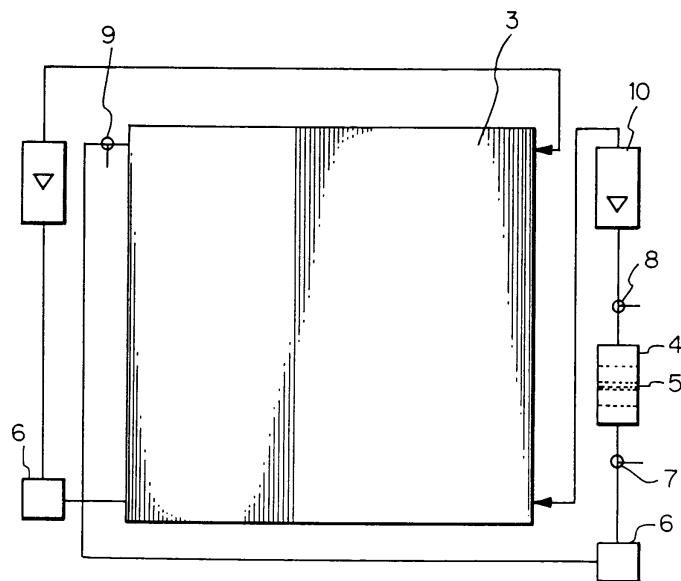
가

.

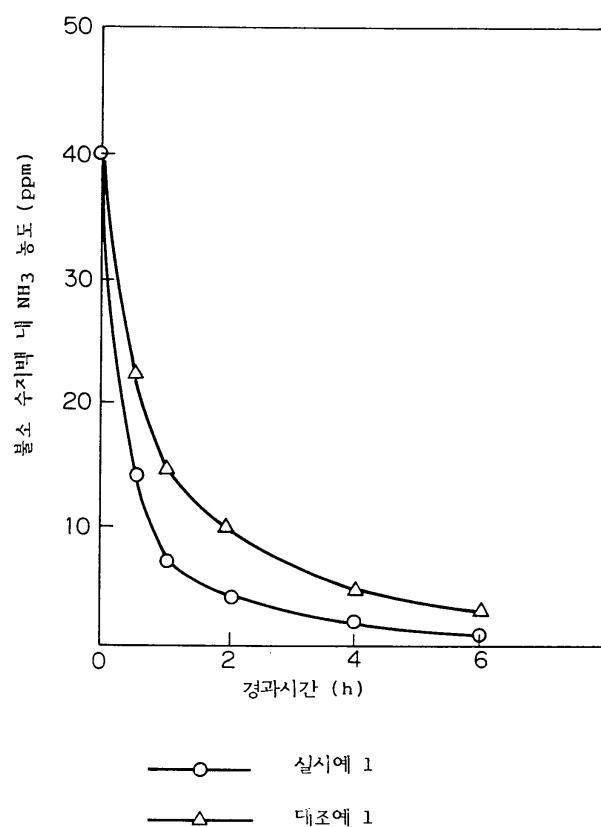
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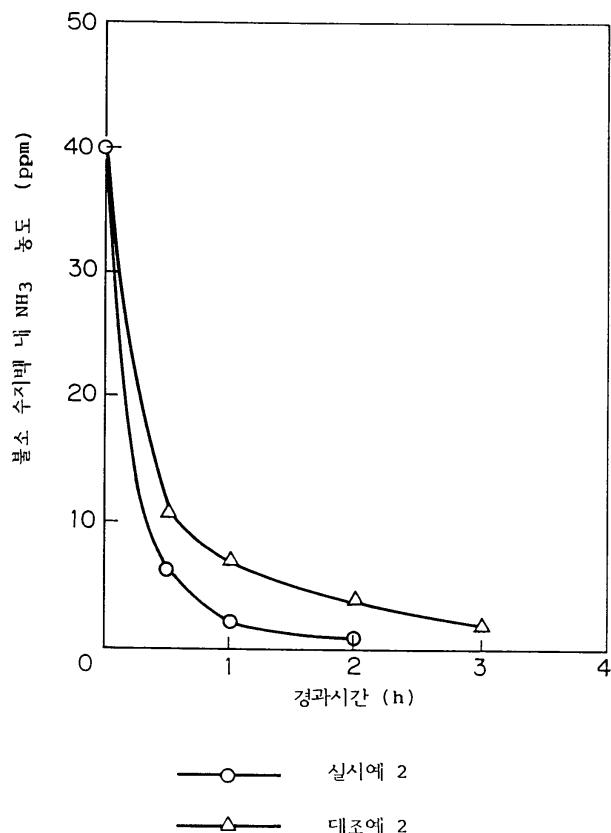
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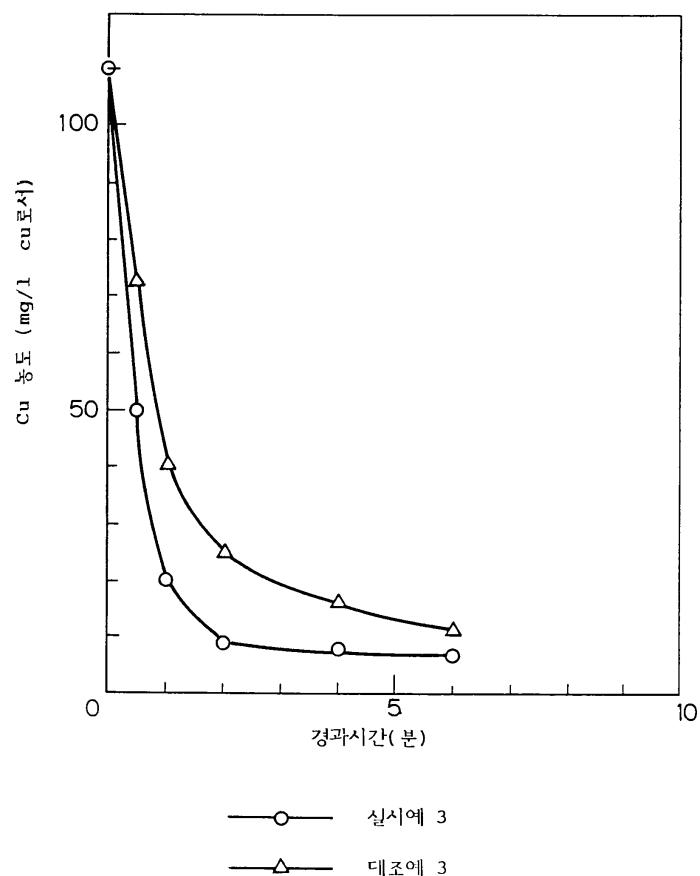
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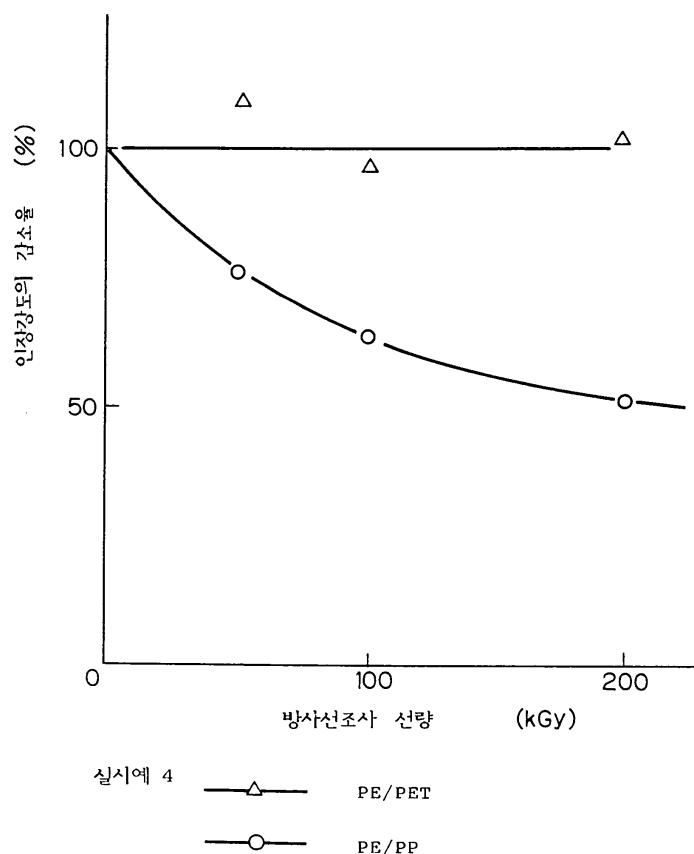
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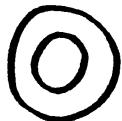
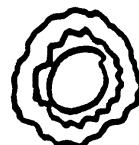
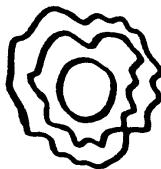
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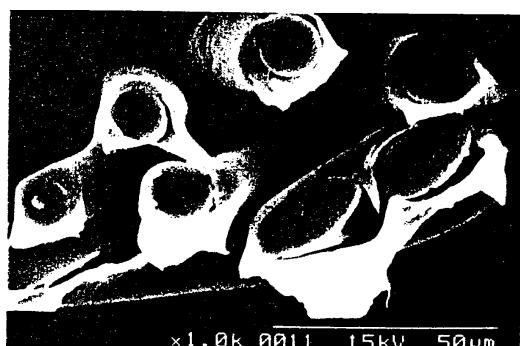
6



7



8



9



10



11

