



(74)

:

(54)

(a) (b) /

(a) 10 - 90wt.%;

(b) / 10 - 90wt.%;

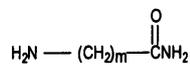
(c) 0 - 4wt.% ( (a+b+c) )  
 85wt.%, 가 , 90wt.% , 2.2 75wt.%,  
 , 6 - , 6 - / - rel 가  
 -6( ) , 5 - ,  
 5 - , 5 -  
 (a) (b) .

(a) (b) /

WO - A - 9943734 , -  
 6 - , 6 - , 6 - , -  
 - 6 .  
 WO - A - 9943734 , 2.2 rel - 6  
 . rel 1wt.% . WO - A - 9943734  
 가 ,  
 , 50wt.%가 . 1 -  
 rel WO - A - 9943734  
 ( 3 ) . WO - A - 9943734 1.6 2.2  
 rel - 6 가 . rel  
 - 6 . WO - A - 9943734  
 55.10<sup>5</sup> Pa .  
 2.2 rel - 6 .

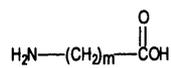
- (a) 10 - 90wt.%;
- (b) / 10 - 90wt.%;
- (c) 0 - 4wt.%, (a+b+c), 가  
 , (a+b+c) 75wt.%, 85wt.% 가  
 90wt.% .  
 , rel 0.1wt.% ,  
 0.05wt.% , 가 0.01wt.% . WO - A - 9943734  
 , 20 - 80wt.%, 30 - 70wt.%  
 , / 20 - 80wt.%, 30 - 70wt.  
 % .  
 , 2wt.% , 1wt.% .  
 1

1



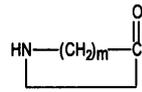
- ( 1 , m = 3 12, , m = 4 7 )  
 6 - (m=5) .  
 2

2



- ( 2 , m = 3 12, m = 4 7 )  
 6 - (m=5) .  
 3

3

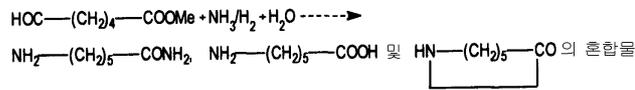


( 3 , m = 3 12, m = 4 7 )

(m=5)

가 , n- , i- , n- , sec- tert- 가 C<sub>1-14</sub> ,  
 가 , 6- 6-  
 % 25wt.%, 15wt.%, 가 5wt.  
 6- , 6- / - 6(  
 ) 가 1 5-  
 , 5- :

1



EP - A - 729943, EP - A - 729944, US - A - 4766237, US - A - 4730041, US - A - 4731445 U

S - A - 5068398

(a) 6 -

(b) 6 -

/ - a/b = 3/1 1/3, 2/1 1/2 .

( )

- 6

5 -

- 6

5 - : 2 (a) (b)



가 , ( 15 - 20 ) 150M $\emptyset$   
 4cm (DSM, Heerlen, ) 8.10g, 6 - (AI  
 drich, USA) 3.06g 6 - (Syncom, Groningen, ) 8.84g  
 , 265 12 가 .  
 PA6 .  
 (CD) HPLC ;  
 가 (3 , 2 ) ; ( rel ) (3 , 2 ) -  
 가 1wt.% 2 . 10 /  
 (DSC) T<sub>m</sub> .  
 - A  
 1 .  
 2.2 rel -  
 가 ( A).  
 - rel , ,

[ 1 ]

	ACAM	ACA	CAP		T/P/	
	8.842(44%)	3.06(15%)	8.1(41%)	0	265 /0.1MPa/12	
	8.842(43%)	3.06(15%)	8.1(40%)	0.407(2%)	265 /0.1MPa/12	
	8.842(44%)	3.06(15%)	8.1(41%)	0	265 /0.1MPa/12 +265 /0.01MPa/4	
	8.842(43%)	3.06(15%)	8.1(40%)	0.407(2%)	265 /0.1MPa/12 +265 /0.01MPa/4	
A	0	3.06(25%)	8.1(68%)	0.8(7%)	265 /0.1MPa/12	

g wt.% .

ACAM : 6 -

ACA : 6 -

CAP : -

[ 2 ]

	rel *	[NH <sub>2</sub> ] <sup>*</sup> (meg/kg)	[CO <sub>2</sub> H] <sup>*</sup> (meg/kg)	[CAP](wt.%)	[CD](wt.%)	T <sub>m</sub> <sup>2**</sup> ( )
	2.43	55	31	7.2	0.5	220
	2.43	53	25	7.4	0.6	221
	2.80	45	40	5.3	0.4	220
	3.35	36	15	5.4	0.5	220
A	2.62	49	40	8.0	0.5	221

\* (90% )

\*\* (Mettler Toledo Star System(DSC)) (T<sub>m</sub><sup>2</sup>) ( )  
 2 가 ). N<sub>2</sub> 10 / 가  
 0 260 가 , 20 , 20 260 가 . 2

(57)

1.

(a) (b) /

(a) 10 - 90wt.%;

(b) / 10 - 90wt.%;

(c) 0 - 4wt.% ( (a+b+c) )

2.

1 ,

(a) 20 - 80wt.%;

(b) / 20 - 80wt.%;

(c) 0 - 2wt.% ( (a+b+c) )

3.

1 ,

(a) 30 - 70wt.%;

(b) / 30 - 70wt.%;

(c) 0 - 1wt.% ( (a+b+c) )

4.

1 3 ,  
(a+b+c) 75wt.%

5.

1 3 ,  
(a+b+c) 85wt.%

6.

1 5 ,  
가 6 - , 6 - , -  
-6

7.

6 ,  
5 -  
-6

8.

7 ,  
5 - 5 - -6

9.

6 8 ,  
(a) -6 , (b) (c)

10.

6 9 ,  
(a)6 - -6 (b)6 - / - (a/b) 3/1 - 1/3

11.

1 10 ,  
0.1wt.% -6 .

12.

1 11 ,  
240 275 (0.5 - 100).10<sup>5</sup> Pa VK  
-6 .

13.

1 12 가 .

14.

, , 13  
.

15.

14 가 , , .