

(19)  
(12)

(KR)  
(B1)

(51) 。 Int. Cl. <sup>6</sup>  
A61K 7/08

(45)  
(11)  
(24)

2001 12 12  
10 - 0316602  
2001 11 22

(21) 10 - 1999 - 0028878  
(22) 1999 07 16

(65)  
(43)

2001 - 0010155  
2001 02 05

(73)

20

(72)

311 - 605

105 - 1103

108 - 606

105 403

(74)

( )

:

(54)

1 , 가 , 1 ,  
가 .  
,



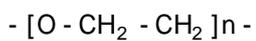
WO 91/15185

, ' 가 . Sajic , 가 .

가

, (c) 1 (a) 1 , (b) 1 (d)

[ 1 ]



40 가 가 가 가 40 가 , 가 가 , 가

가 가 , 가

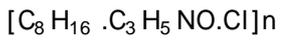
(a) 1 , (b) 1 , (c) 1 (d)

, 1 , , 0.5 30 % ,

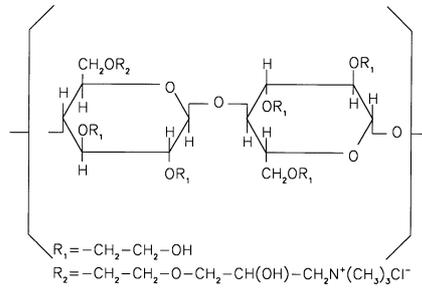
가 40 . 40 가 가

2 -7, 3 -10, 4 -11,

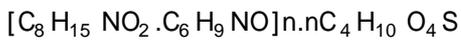
[ 2 ]



[ 3 ]



[ 4 ]



가  
 : 가 5 : 1  
 : 가 1 : 2.5  
 가  
 0.01 % 가 , 10.0 %  
 0.01 10.0 %가  
 % 0.01 5.0 %가 . 0.01 , 5.0  
 %  
 10 %  
 10 %

10 %

가

가

(Carrier solvent)

가 100 , 3.0

0.01 3.0

가

. 0.01

e), C가 12 - 15

(Octyl Hydroxystearate),

1

(Isopropyl Myristate),

(Isostearyl Isostearate),

(Dioctyl Succinate)

(Isopropyl Palmitat

[ 1 ]

30 %(w/w)

1.0

20

%,

30 %(w/w)

30

%,

- 7 (

8

%)

6.0

%

가

(Polyox) WSR 301 1.0

%

60

가

가

,

30

45

가

[ 2

4

1

5]

1

1

( : %)

[ 1 ]

	1	2	3	4	1	2	3	4	5
(30%)	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
(30%)	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
( :400 ) <sup>1)</sup>	1.0	-	1.0	-	1.0	-	-	-	-
( :100 ) <sup>2)</sup>	-	3.0	-	3.0	-	1.0	3.0	-	-
( :30 ) <sup>3)</sup>	-	-	-	-	-	-	-	1.0	-
-7 <sup>4)</sup> ( 8 %)	6.0	-	6.0	-	-	-	-	-	-
-10 <sup>5)</sup> ( 8 %)	-	1.0	-	1.0	-	-	0.2	-	-
			0.1						
				0.5					
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
<sup>6)</sup>	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	100	%가	가						

1) : Polyox WSR 301 (Union Carbide)

2) : Polyox WSR N - 12K (Union Carbide)

3) : Polyox WSR N - 1750 (Union Carbide)

4) : Merquat 550 (Calgon)

5) : Polymer JR 400 (Union Carbide)

6) : SKP - 3473 (Hasegawa)

[ 1 ]

4 cm, 1.5 cm, 5 % (w/w) 5  
 , 1 25 , 50 % 24 . 1  
 1 4 1 5 5 % (w/w) 5 , 1  
 , 70 2 가 .  
 가 25 , 50 % 24 . Bending  
 Machin KES - S(Kato Tech ) ( ) ( )  
 ) 3 2 .

[ 2]

	가		70 /2 가	
	(g <sub>f</sub> .cm <sup>2</sup> /cm)	(g <sub>f</sub> .cm/cm)	(g <sub>f</sub> .cm <sup>2</sup> /cm)	(g <sub>f</sub> .cm/cm)
1	4.3	3.3	6.6	4.2
2	4.1	3.7	8.5	5.2
3	4.3	3.4	7.2	6.7
4	4.2	3.5	9.5	7.1
1	3.4	2.0	3.8	2.1
2	3.4	2.2	3.7	2.4
3	3.9	2.4	4.4	3.7
4	3.0	1.3	3.1	1.5
5	3.0	1.5	2.8	1.2

5 2 가 1 4 1 1  
 4 0.2 1.3 g<sub>f</sub>.cm<sup>2</sup>/cm 가 , 가 1  
 1 5 2.4 0.9 g<sub>f</sub>.cm/cm 가 .  
 가 1 4 1 5 2.2 6.7  
 g<sub>f</sub>.cm<sup>2</sup>/cm 가 , 가 1 4 1  
 5 0.5 5.9 g<sub>f</sub>.cm/cm 가 .  
 1 4가  
 , 가 가 2 4

[ 2]

5 2 35 1 4 1 5  
 가 . , 2  
 가 3 가 가 , 4

[ 3]

가	5
가	4
	3
가	2
가	1

[ 4]

1	3.8
2	4.0
3	4.2
4	4.2
1	3.2
2	3.2
3	3.4
4	3.2
5	2.6

가 4 , 1 5 1 4 3.8 4.2  
 가 3 4 , 1 5 2.6 3.4 가 가

가

(57)

1.

(a) 1 ;

(b) 1 ;

(c) 1 ;

(d)

[ 1]

- [O - CH<sub>2</sub> - CH<sub>2</sub> ]n -

2.

10 % , (a) 10 % , (b) 10 %  
 10 % , (c) 10 % , (d) 10 %

3.

1 2 , 40

4.

1 2 , 0.01 10.0 %

5.

1 2 , 가 5 : 1 1  
: 2.5

6.

1 2 , 가 - 7, - 10, - 11  
1

7.

1 2 , 0.01 5.0 %

8.

1 2 , 100 0.01 3.0

9.

8 , 가 (Isopropyl Myristate), (Isopropyl Palmitate), C가 12 - 15 , (Isostearyl Isostearate),  
(Octyl Hydroxystearate), (Diocetyl Succinate)  
1