

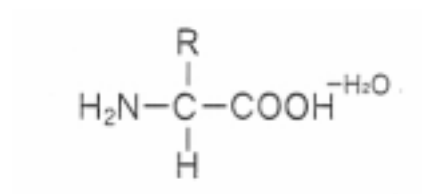
(2)

3.2

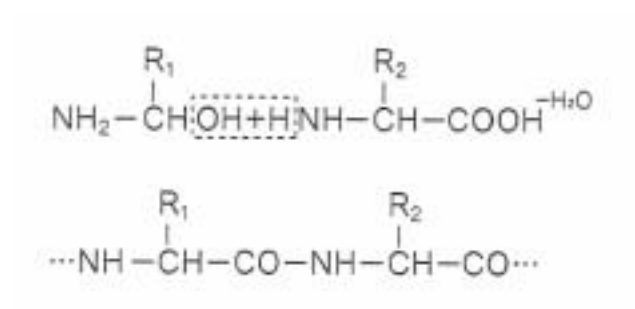
가

가 $\alpha -$. R

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	44.46	10.12
	30.24	5.40
	0.49	10.04
	0.54	
	2.09	4.76
	0.63	2.64
	11.91	11.41
	0.98	6.25
	4.88	2.99
	1.38	5.80
	0.93	11.55
	0.44	6.88
	0.30	2.11
	0.15	0.52
	0.40	6.89
	0.42	1.02
		0.60
		11.59

(가 75%)

가 , , , , , , , , . 가

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(1)

(Zwitter

ion) , - NH₃⁺ ,
- COO⁻ . - COOH
 , - NH₂가 .
(HCl) (D)가 가
(- SO₃⁻) - NH₃⁺ .

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(2)

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(3)

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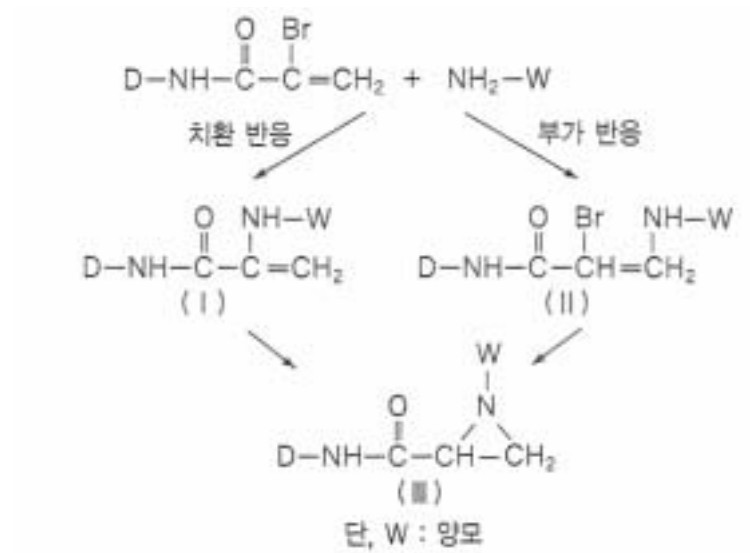
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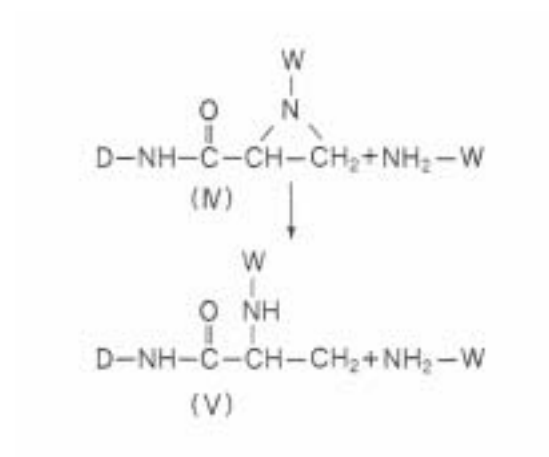
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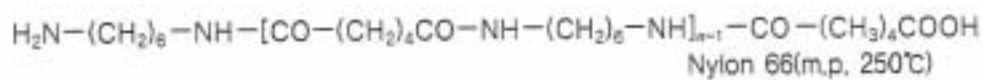
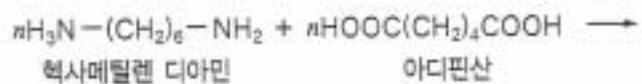
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 α -
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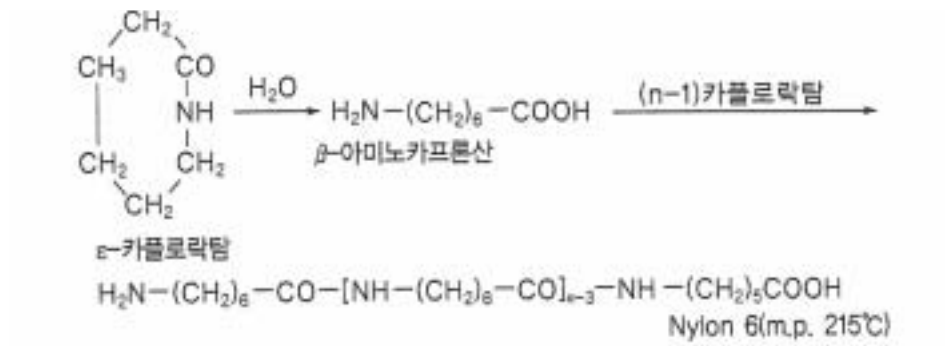
3.3

$$\text{NH(CH}_2\text{)}_{n-1}\text{CO} \quad \text{H}_2\text{N(CH}_2\text{)}_{n-1}\text{COOH} \quad , n = 6$$
 6 . 6 66 ,
 1, 2, 3, 4, 5, 6, 7, 11, 12 . ,
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66 6

66





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(1)

(2)

(3)

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(4)

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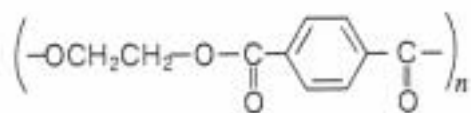
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3.4

(PET)



， (120~130)dl 가

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3.5

(PAN)

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(CH₂=CH - CN)

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N-

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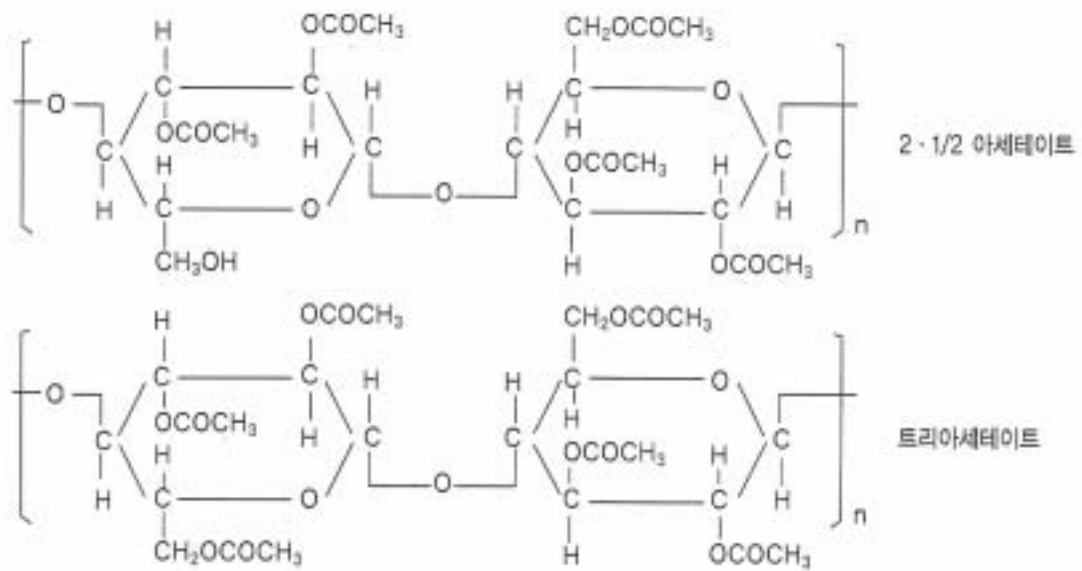
3.6

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3 가

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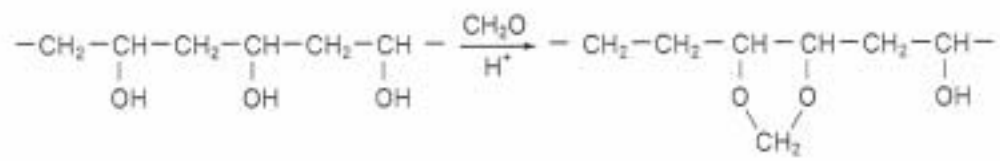
가

3.7

(PVA)

PVA

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3.8

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