

< >

가

() 91 542 3000 90 538 1000 0.8%
, 6 3 3000 , 90 1 1000 8 3000

90 12.6% , 89 DCP 90

88 8.7 % , 89 14.4% , 90 13.7% , 91 15.4%

< 1>

(: , %)

	1988	1989	1990	1991
가	460.6	477.5	538.1	542.3
	38.3	3.6	12.6	0.8
	106.3	109.7	121.7	153.6
	56.3	60.1	66.2	91.7
	24.5	14.3	1.1	6.0
가	18.9	12.0	8.3	3.3
	57.7	36.1		
	211.2	342.2	434.1	458.6
	228.3	366.0	374.1	422.6
	495.9	803.5	894.8	1020.4
	246.4	349.3	459.1	522.4
	162.6	208.7	203.5	262.4
	409.1	558.1	662.6	784.9
	57.8	150.0	150.0	150.0
	86.8	245.4	232.2	235.5

< 2>

(: , , %)

	1990		1991			1992()		
가	47,796	65.5	36,434	52.9	19.2	40,077	64.0	21.0
	93,066	138.7	52,248	90.5	34.8	59,563	113.4	25.4
	139,432	260.1	141,726	297.2	14.3	161,567	347.7	17.0
	3,380	6.4	7,575	16.9	163.3	8,635	21.2	25.4
	75,316	43.0	59,686	16.6	61.3	68,042	20.9	25.4
D C P	17,488	24.5	47,304	68.2	178.4	53,926	85.5	25.4
	376,478	538.1	344,973	542.3	0.8	391,810	652.6	20.3

)

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가 가 9.8% 19.2%,
16.7% 가 가 34.8%, 3.1% 61.3%
, 54.8% 가 14.3% , DCP 160%

92 2

, ,

PASS(Poly aluminium Silicate Sulfate)

(2) 7

,

92 652 6000 91 20.3%

, 가 20%

,

,

가 가

91

가

DCP(Dicalcium Phosphate)

가 , 가 ,
DCP .
가
가
90 31.4% 91 61.3%
25.4%
< 1992/6/1>