

< >

?

!

LLDPE

LDPE 90 90
 91 3
 LDPE 6 가, LDPE 93
 가
 1

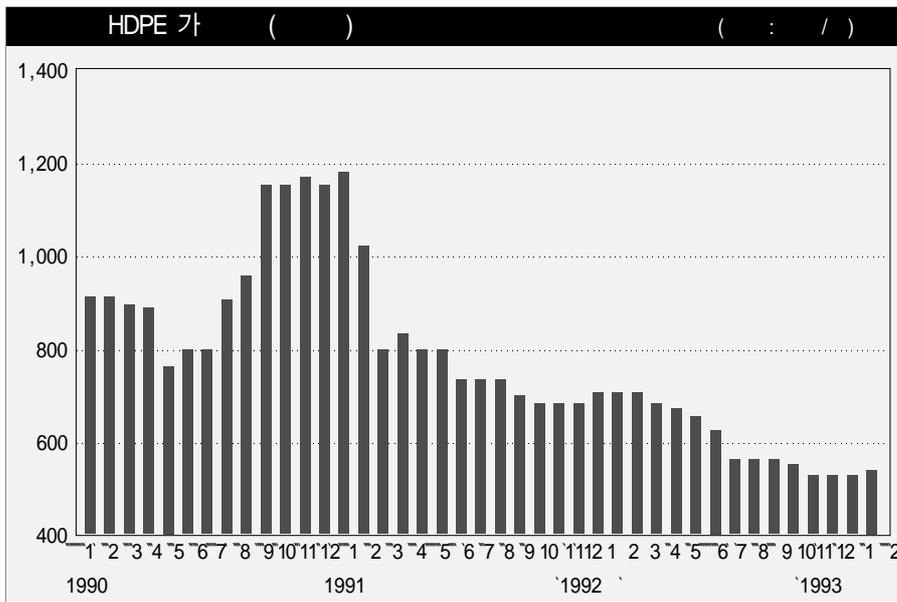
LDPE (EVA)		(: , %)											
		1988		1989		1990		1991		1992		1993()	
		297,243	288,380	2.3	370,970	28.6	500,368	34.9	782,447	56.4	417,900	12.6	
		273,449	244,107	10.7	316,156	29.5	346,791	9.7	407,397	17.5	257,200	3.8	
		20,488	26,553	29.6	38,113	43.5	51,245	34.5	86,739	69.3			
		62	13,443	-	15,217	13.2	71,400	369.2	301,268	321.9	146,600	9.4	
		293,999	284,103	3.4	369,486	30.1	469,436	27.1	775,656	65.2	403,800	5.8	
		63,499	88,611	39.6	77,781	12.2	47,754	38.6	17,303	63.8	9,000	2.5	
		360,742	376,991	4.5	448,751	19.0	548,122	22.1	799,750	45.9	426,900	-	
		357,436	359,271	0.5	432,050	20.2	445,790	3.2	511,439	14.7	266,200	3.3	
		0.9	4.9	-	3.4	-	23.0	-	56.4	-	-	-	

LDPE (EVA)		(: , %)									
		1988		1989		1990		1991		1992	
		207,641	70.6	162,479	60.0	212,599	60.0	245,794	61.8	322,050	65.1
		15,029	5.1	19,022	7.0	23,776	6.7	20,340	5.1	28,058	5.7
		9,280	3.2	12,308	4.6	14,964	4.2	14,105	3.5	21,161	4.3
		34,758	11.8	42,830	15.8	62,692	17.7	68,531	17.2	69,110	14.0
		17,601	6.0	12,806	4.8	16,862	4.8	18,841	4.7	18,200	3.7
		1,953	0.7	2,736	1.0	3,625	1.0	8,187	2.1	-	-
		7,675	2.6	18,479	6.8	19,751	5.6	22,238	5.6	35,557	7.2
		293,937	100.0	270,660	100.0	354,269	100.0	398,036	100.0	494,136	100.0

LDPE 90 73 가 40
 88 36 , 35 7000 0.9% 89
 4.9%, 90 3.4% 91 가 44 6000 , 54
 8000 23%

가 50% , 80% , 31 5375 , 103.4% 가
 20 7500 , 4 5500 , 7 1500 32 4500
 91 68.6% 92 53.8% 15%
 91 61.8% 20% 가 42.2%

12 5522 , 104.6% 가 6 474 , 1 612 ,
 5 7000 12 8000



91 18.5% 92 16.2%, 92 15.1% 3%
 91 20.9% 4%
 16.6%
 7 7700
 78% 가

4 3800 , 3700 , 3 4400 8 2000
 91 8.5% 92 10.1%
 1.5% 91 8.6% 10.6%
 8 1000 , 89% 가 3 7200 , 3400 ,
 4 800 8 1300
 91 3.2% 92 8.6% 5.4% 가
 91 6.1% 10.6% 가
 15 6000 , 98% 가 4 9000 , 8900 ,
 9 6000 15 4000
 91 1.2% 92 12.3% 10
 91 2.6% 20%
 91 7% 92 22% 가
 , 26% 45%, 17% 42% 가 50%
 91 55% 92 62%

가
 84 3 3600 가
 90 8 91 4 7000 , 92 1 700 91 60%

LDPE

가 94 6 40

93 41 7900 92 12.6% 가

3800 5.8% 가

가 25 7200 3.8% 가 14 6600 9.4% 가

EVA 91 가

3

1 8000 , 1500 2

5800 11 , 1600

3 PVC

HDPE

HDPE 8 2 HDPE () A · B · C

가 , 가 가

7

1%가 가 가 40

가

8 가 가 가

HDPE (: , %)												
	1988		1989		1990		1991		1992		1993()	
	271,821	345,102	27.0	495,245	43.5	696,171	40.6	1,082,776	55.5	578,200	8.1	
	238,660	264,585	10.9	310,657	17.4	399,970	28.7	530,151	32.5	270,700	7.0	
	28,902	34,066	17.9	60,389	77.3	47,292	21.7	58,870	24.5			
	3,159	23,455	642.5	125,594	435.5	215,403	71.5	494,771	129.6	283,500	12.4	
	270,721	322,106	19.0	496,640	54.2	662,665	33.4	1,083,792	63.6	554,200	2.0	
	41,690	52,560	26.1	33,210	36.8	24,350	26.7	14,553	40.2	5,100	38.6	
	313,511	397,662	26.8	528,455	32.9	720,521	36.3	1,097,329	52.3	583,300	-	
	309,252	351,211	13.6	404,256	15.1	471,612	16.7	603,574	28.0	275,800	-	
	1.4	13.2	-	30.7	-	52.8	-	81.8	-	-	-	

HDPE (: , %)											
	1988		1989		1990		1991		1992		
	81,845	30.6	87,220	29.2	89,262	24.1	100,908	22.6	119,393	20.3	
	39,942	14.9	49,361	15.5	65,387	17.6	81,179	18.1	103,912	17.6	
	47,276	17.7	53,896	18.1	81,840	22.1	98,359	22.0	116,041	19.7	
	78,698	29.4	82,428	27.6	101,707	27.4	110,245	24.6	137,630	23.4	
	18,447	6.9	25,164	8.4	32,850	8.8	54,845	12.3	85,441	14.5	
	1,454	0.5	582	0.2	-	-	1,726	0.4	26,604	4.5	
	267,562	100.0	298,651	100.0	371,046	100.0	447,262	100.0	589,021	100.0	

PVC 가 , 가

가 가

HDPE 가 90 60 40% , 30 ~40

가 가

가 가 2

가 가

HDPE 92 , 8

가 가 ,

HDPE (: , 100 , %)																	
		1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991	M/S	1992	M/S
		145,637	20.9	179,415		82,092	11.8	78,255		165,298	23.8	260,000		177,705	25.5	189,261	
		109,760	27.4	124,084	23.4	30,449	7.6	29,070	5.5	109,593	27.4	121,579	22.9	85,799	21.5	91,613	17.3
		76,335				16,551				71,279				44,010			
		15,021	24.9	12,571	21.4	8,060	13.3	7,117	12.1	13,448	22.2	13,443	22.8	18,718	31.0	11,670	19.8
		9,094				4,559				7,799				11,247			
		16,558	8.2	40,620	8.2	42,190	20.9	43,640	8.8	37,131	18.4	130,219	26.3	68,584	33.9	84,297	17.0
		8,842				20,609				20,923				40,468			
		141,339	21.3	177,275	16.3	80,699	12.2	79,827	7.4	160,172	24.2	265,241	24.5	173,101	26.1	187,580	17.3
		94,271				41,719				100,001				95,725			
		5,806		9,122		6,112		4,299		15,659		10,418		8,673		8,411	
		1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991	M/S	1992	M/S	1992	M/S	1991	1992
		61,211	8.8	89,735		49,417	7.1	140,824		14,811	2.1	120,443		24,843		696,171	1,082,776
		37,563	9.4	45,235	8.5	21,765	5.4	66,532	12.5	5,041	1.3	42,748	8.1	9,290	1.8	399,970	60.4
		21,559				11,381				2,366						243,481	530,151
		3,442	5.7	4,857	8.2	1,774	2.9	4,933	8.4	10		3,938	6.7	341	0.6	60,473	9.1
		2,138				847				5						35,689	58,870
		14,922	7.3	40,597	8.2	18,743	9.3	73,034	14.8	4,094	2.0	74,193	15.0	8,171	1.7	202,222	30.5
		8,032				9,231				2,100						110,205	494,771
		55,927	8.4	90,689	8.4	42,282	6.4	144,499	13.3	9,145	1.4	120,879	11.2	17,802	1.6	662,665	100
		31,729				21,459				4,471						389,375	1,083,792
		6,239		5,283		7,135		4,312		5,666		5,231		6,925		55,290	54,001

HDPE 92 109 7000 60 82% 1
 90 , 90 37% 91 27%, 92 40%

4500
 HDPE 90·91 40% 가 91 70 92
 91 56% 가 108 3000
 53 , 5 9000 , 49 5000 108 4000
 가 20% 가
 92 91
 72% 가 130% 가
 92 12
 20.3% 13 7000 23.4%, 11 6000 20%
 30%
 가 50%
 가 40%

17 9415 , 90% 가
 12 4000 23.4%, 1 2571 21.4%, 4 620 8.2% 17 7275
 91 5% 16.3%
 26 , 96% 가 12 1580 22.9%, 1 3443
 22.8%, 13 220 26.3% 26 5241 91
 0.3% 가 24.5%
 91 26.1% 17.3% 10% 가
 18 9261 126% 가 9 1613 17.3%, 1
 1670 19.8%, 8 4297 17% 18 7580

PP (: , %)													
		1988		1989		1990		1991		1992		1993()	
		526,953	538,853	2.3	616,113	14.3	814,338	32.2	1,241,047	52.4	645,100	6.3	
		380,459	382,903	0.6	455,011	18.8	428,310	5.9	538,003	25.6	309,300	4.7	
		73,388	72,295	1.5	77,121	6.7	94,115	22.0	90,758	3.6			
		47,243	92,312	95.4	74,566	9.4	248,771	233.6	598,278	140.5	362,400	27.6	
		501,090	548,011	9.4	606,698	10.7	771,196	27.1	1,227,039	59.1	671,700	10.3	
		9,443	15,173	60.7	15,824	4.3	13,874	12.3	7,624	45.0	3,700	-	
		536,396	554,026	3.3	631,937	14.1	828,212	31.1	1,248,671	50.8	648,800	-	
		463,290	470,372	1.5	547,956	16.5	536,299	16.1	636,385	18.7	313,000		
		15.8	17.8	-	15.3	-	54.4	-	96.2	-	-	-	

PP (: , %)													
		1988		1989		1990		1991		1992			
		151,034	33.3	152,863	33.6	173,375	32.6	157,678	30.2	185,947	29.6		
		119,783	26.4	131,791	28.9	154,793	29.1	154,171	29.5	178,664	28.4		
		132,926	29.3	119,099	26.2	137,005	25.7	144,085	27.6	176,139	28.0		
		41,940	9.2	41,394	9.1	49,773	9.4	46,639	8.9	61,692	9.8		
		8,164	1.8	10,052	2.2	17,186	3.2	19,852	3.8	26,319	4.2		
		453,847	100.0	455,199	100.0	532,132	100.0	522,425	100.0	628,761	100.0		

7 8255 , 78% 가 2 9070 5.5%, 7117
 12.1%, 4 3640 8.8% 7 9827 91 12.2%
 5% 7.4% .
 8 9735 , 79% 가 4 5235 8.5%, 4857
 8.2%, 4 597 8.2% 9 689 91
 8.4% .
 92 91
 91 6.4%, 1.4% 13.3%, 11.2% 가 .
 14 800 , 117% 가 6 6532 12.5%,
 4933 8.4%, 7 3034 14.8% 14 4499 .
 12 12 1000 11.2% 91 10
 92 8 2 4800 9600 , 8100
 1 7800 1.6% .
 92 HDPE 91 27.1% 92 23.2%
 1 26.7% 22.9% , 22.7% 17.5%
 , 8.4% 6.1% , 8.9% 8.5% .
 , 91 5.1%, 1.1% 1 12.1%, 7.9%
 92 1.6% 93 HDPE
 가
 93 57 8200 92 8.1% 가 7% 27
 700 28 3500 12.4% 가, 55 4200 2% 가 .

P P

PP 82 16 3084 92 124 1047 10 7
 82 15 8204 92 63 6385 4 . PP
 100% 가 .
 PP 90 6 3
 10 90 10 가 가 91
 . 17 5000 , 17 , 8 ,
 PP 93 1 8 , 7 8 16
 130 ,
 가 가 , 92 8.8%, 8.7% . 가 가
 25% .
 92 PP 가 , , 4 80~90%
 . 110% , 가
 . 92 PP 가 94.7% .
 89 2.3%, 90 14.3% 가 91 32.2% 가 92
 52.4% 가 124 89 가
 92 가 91 25.6% 가 53 8000 , 3.6% 9 , 140%
 가 59 8000 122 7000 .
 가 .

90 가 91 12.3%, 92 45% 7600
 18 6000 30%
 28% 3가 가
 가 40%
 가 20%
 45%, 40% 2
 가 91 30.1% 21.6%
 91 24.2% 17.3% 2
 16% 91 3
 가 91 32.8% 92 24.2% 1
 20.4%, 15.7% 3 91 5~8%
 10.9% 8.9% 4% 가

PP (: , 100 , %)																
	1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991	M/S	1992	M/S
	234,504	28.8	270,398		102,729	12.6	131,564		137,212	16.8	138,610		194,353	23.9	216,371	
	125,715	29.2	109,329	20.3	44,003	10.2	57,738	10.7	96,882	22.6	92,096	17.1	121,125	28.2	116,494	21.7
	91,287				28,585				71,828				99,303			
	52,207	46.4	43,197	47.6	15,147	13.5	10,983	12.1	13,535	12.0	6,881	7.6	24,798	22.0	16,709	18.4
	33,196				8,181				8,903				16,693			
	54,146	23.7	112,469	18.8	42,646	18.6	59,322	9.9	22,060	9.7	36,248	6.1	41,129	18.0	79,322	13.2
	29,191				22,086				13,804				23,607			
	232,068	30.1	264,995	21.6	101,796	13.2	128,043	10.4	132,476	17.2	135,225	11.0	187,052	24.2	212,525	17.3
	153,674				58,852				94,535				139,603			
	12,547		17,950		11,118		14,973		12,790		15,531		17,161		21,010	
	1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991	M/S	1992	M/S	1991		1992	
	46,517	5.7	91,950		61,080	7.5	192,387		38,029	4.7	199,767		814,424		1,241,047	
	19,705	4.6	48,790	9.1	12,826	3.0	55,210	10.3	9,636	2.2	58,346	10.8	429,892	55.7	538,003	43.8
	11,254				6,921				4,727				309,178			
	4,769	4.2	6,897	7.6	1,126	1.0	3,036	3.3	1,007	0.9	3,055	3.4	112,589	14.6	90,758	7.4
	2,724				563				488				70,260			
	18,519	8.1	34,652	5.8	30,158	13.1	140,399	23.5	20,056	8.8	135,866	22.7	228,714	29.7	598,278	48.8
	9,365				13,533				10,003				111,586			
	42,993	5.6	90,339	7.4	44,110	5.7	198,645	16.2	30,699	4.0	197,267	16.1	771,196	100	1,227,039	100
	23,343				21,017				15,205				491,024			
	3,263		5,195		16,950		12,107		7,862		9,730		81,691		96,496	

91 2.6%, 2% 92
 9.3%, 9.8%
 59 8000 가 26 5000 22% 21
 2500 17.3%, 19 8000 16%

가 , 가

27 400 , 77% 가

10 9400 20.3%, 4 3200 47.6%, 11 2500 18.8% 26 5000 21.6%

. 92 91 9%, 5% 1%

가

21 6400 98% 가 , 11 6500 21.7%,

1 6700 18.4%, 7 9300 13.2% 21 2500 17.3%

.

13 8600 84% 가 9 2100 17.1%,

6890 7.6%, 3 6250 6.1% 13 5250 17.3%

. 가 .

91 10.9% 13 1600 , 88% 가

5 7740 10.7%, 1 1000 12.1%, 5 9300 9.9% 12 8000 10.4%

.

91 가

가 91 2% 10%

92 19 9300 , 19 8600 16.2% 19 9800 , 19

7300

9 1950 , 9 400 7.4%

93 64 5100 6.3% 가 가 30 9300 4.7% ,

36 2400 27.6% 가 . 67 1900 10.3% 가 .

가 , 가

가