

<PS>

# , 10 10 가 SM 가 !

PS 82 91 10 10 가 가

가 PS ,

PS 26 , 91 25 , 1 2000~1  
5000  
84 1100 , 85 1300 , 88 9000 , 90 9700 , 91 1 3000 가

< 1> PS (EPS ) ( : )

	1984	1985	1986	1987	1988	1989	1990	1991
	144,308	187,732	259,555	306,734	332,877	445,976	508,516	643,587
가	87,284	95,513	121,435	164,069	180,996	199,283	246,413	245,952
	34,736	38,130	69,483	99,167	107,195	115,957	147,610	171,711
	20,217	47,357	66,068	47,437	40,308	124,369	105,763	223,421
	142,237	181,000	256,986	310,673	328,499	439,609	499,786	641,084
	1,103	1,300	*2,000	*2,000	9,016	7,635	9,702	13,034
가	36,286	46,651	75,491	123,721	136,729	148,866	157,128	165,724
	8,180	856	1,051	1,341	1,509	1,308	1,304	1,831
	2,582	11,074	20,151	26,324	26,014	24,942	54,191	62,759
	7,900	2,588	3,147	5,265	4,390	5,048	3,793	4,172
	21,730	24,484	31,807	34,221	31,020	26,921	34,147	33,698
	14,733	19,375	20,353	22,605	25,922	36,789	58,720	55,458
	27,871	25,582	35,559	39,485	41,121	40,637	38,802	45,381
	2,738	3,033	3,359	10,274	21,486	30,729	45,938	48,640
	122,020	133,643	190,918	263,236	288,191	315,240	394,023	417,663

) ( . ) \*

< 3> PS(EPS ) ( : )

	1990			1991			1992(1~5)		
	508,516	9,702	105,763	643,587	13,034	223,423	275,761	6,145	103,234
	1,419,896	55,668	234,615	1,460,498	65,358	191,475	554,680	20,541	91,912
	277,740	25,421	83,357	412,079	18,111	210,661	206,060	6,889	108,719

SKC, 6000 가  
 8500 ~ 9000 가  
 ( ) 5000 ~ 6000 2 2000 가  
 / 가  
 PS(EPS ) 91 41 7663 16 5724  
 , 40% PS , TV, , 가 88  
 , , TV 가 가 가

< 2> PS

( : , 100 , %)

		1991				1992( )				1991				1992( )			
		1991	M/S	1992( )	M/S	1991	M/S	1992( )	M/S	1991	M/S	1992( )	M/S	1991	M/S	1992( )	M/S
		106,365		57,844		91,563		47,865		98,924		49,042					
		33,606	32.4	18,915	31.5	21,159	20.4	11,913	19.8	13,523	13.0	8,079	13.5				
				16,342				10,644				7,058					
		30,235	20.1	13,918	19.1	36,643	24.4	17,680	24.2	36,101	24.0	17,496	24.0				
				10,258				13,864				12,875					
		41,383	19.1	27,870	23.2	36,134	16.7	17,826	14.9	45,714	21.1	26,954	22.5				
				14,630				9,843				15,289					
		105,224	22.4	60,703	24.0	93,936	20.0	47,419	18.8	95,338	20.2	52,529	20.8				
				41,230				34,351				35,222					
		5,857		4,310		3,874		4,320		9,227		5,740					
		1991				1992( )				1991				1992( )			
		1991	M/S	1992( )	M/S	1991	M/S	1992( )	M/S	1991	M/S	1992( )	M/S	1991	M/S	1992( )	M/S
		98,742		51,635		79,482		40,675		518		1,409		475,594		248,470	
		20,954	20.2	10,660	17.8	14,693	14.1	9,822	16.4	29	0	622	1.0	103,964	22.1	60,011	23.7
				10,371				8,876				552				53,843	
		30,218	20.1	15,589	21.3	17,096	11.4	8,191	11.2	10	0	132	0.2	150,303	31.9	73,006	28.9
				12,892				5,701				97				55,687	
		44,695	20.7	25,847	21.6	48,313	22.4	21,284	17.8	0	0	0	0	216,239	46.0	119,781	47.4
				14,177				11,153				0				65,092	
		95,867	20.4	52,096	20.6	80,102	17.0	39,297	15.5	39	0	754	0.3	470,506	100	252,798	100
				37,440				25,730				649				174,622	
				6,947				4,660		517		191				26,168	

가 PS 90 가  
 가

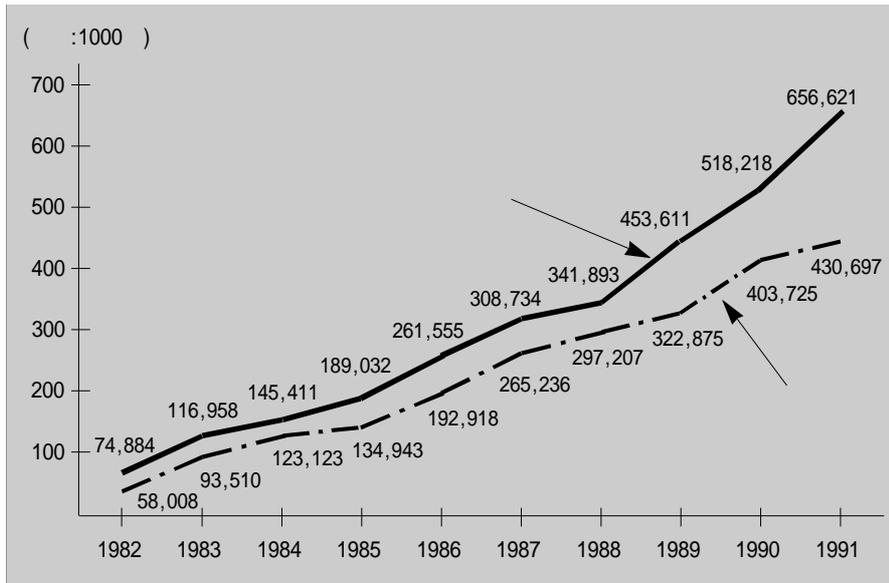
91 PS 25 4267 6 3841 25.1%  
 , 5 7802 22.7%, 5 1172 20.1%, 4 9624  
 19.5%, 3 1789 12.5%, 39 PS EPS

92

91

92 13 3017 24.7%(3 2833 ), 22.3%(2  
 9593 ), 19.7%(2 6249 ), 19.2%(2 5575 ) 4  
 91 0.3~0.4% , 1% 13.5%, 91 0.015% 0.6%

< 1> PS(EPS )



PS 가 7 5  
 GPPS(Natural ) 가 89 , 가 90 HIPS(Natural ) 가  
 99 , 990  
 HIPS( Black ) 가 173 3000 , 1730 MIPS(Black ) 111  
 9000 , 1140  
 가 , Black Brown 15 ,  
 150 20 , 200  
 92 3 1155 , 7122 5 8000  
 , 1153 , 806 2061  
 , 90 141 9900 23 4600 , 91  
 146 19 1500  
 , 90 27 7700 8 3300 , 91 41 2000 21  
 가 PS가 GPPS 92 3 890 8 960  
 , 92 3 926~1015 GPPS가 92 8  
 1070~1140 가  
 HIPS 가 8 1020 , 1100  
 PS 가  
 100 가  
 PS  
 PS

PS , 50 120 가

가

( 300 )

1~2

PS

PS

1~2

< 4> 가 PS 가

( : / )

가	92.3	4	5	6	7	8
GPPS	882~904 (40~41)	860~882 (39~40)	860~882 (39~40)	904~926 (41~42)	904~926 (41~42)	948~970 (43~44)
	716	750	791			
	926~1,015 (1,550~1,700)	887~989 (1,480~1,650)	834~958 (1,350~1,550)	912~977 (1,400~1,500)	1,060~1,129 (1,550~1,650)	1,070~1,140 (1,550~1,650)
	768 (19.50)	710~769 (18~19.50)	720~780 (18~19.50)	729~790 (18~19.50)	789~849 (19.50~21)	775~835 (19.50~21)
	660~690	700~730	690~710	690~720	670~700	670~700
HIPS	948~970 (43~44)	926~948 (42~43)	926~948 (42~43)	970~992 (44~45)	970~992 (44~45)	1,014~1,036 (46~47)
	985~1,075 (1,650~1,800)	947~1,049 (1,580~1,750)	896~1,019 (1,450~1,650)	977~1,042 (1,500~1,600)	1,094~1,163 (1,600~1,700)	1,105~1,174 (1,600~1,700)
	847~945 (21.50~24)	789~947 (20~24)	860~960 (21.50~24)	871~972 (21.50~24)	890~1,031 (22~25.50)	875~1,014 (22~25.50)
	690~740	750~770	730~750	730~740	710~730	710~730

) : ¢ /lb, : ¥ /kg, :DM/MT, :NT \$ /kg, 가 :C&F 가

1000~1500 PS

5% 가

3% 가

, 2%

가

92 7 PS가

5

, PS

가

99

PS 66

300

PS

10%

( )

PS , 가 95%

15~20%

가

SM가 SM

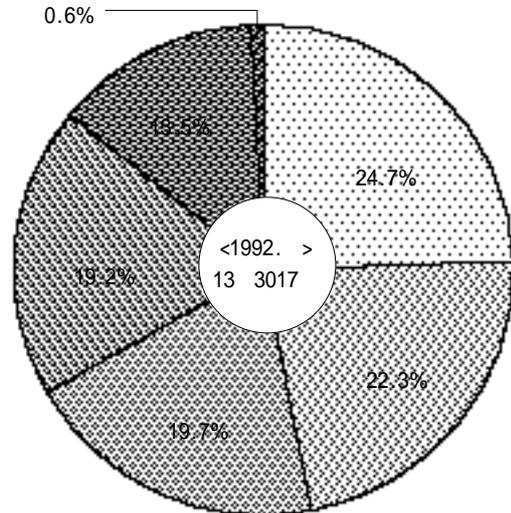
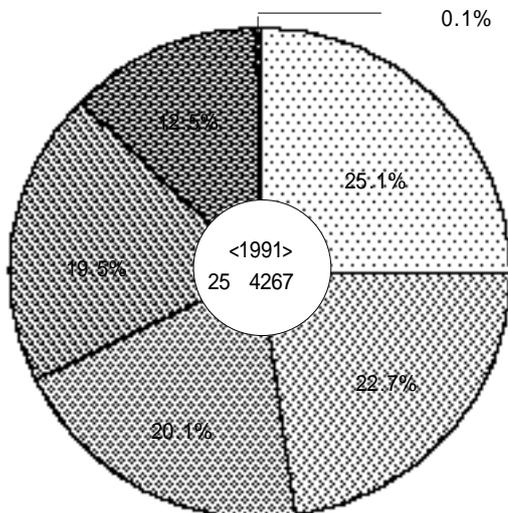
, SM가 PS가

가 PS가

	(100 )				TV		TV			
1988	6,956	6,852	215	219	4,389	4,369	10,431	10,315	23,100	23,114
1989	6,001	6,079	276	269	3,597	3,585	11,581	11,425	16,224	16,364
1990	5,922	5,924	317	318	3,010	3,048	12,827	12,801	11,306	11,130
1991	5,154	5,728	343	341	2,164	2,184	13,353	13,312	7,731	7,867
1992.	2,005	2,129	155	144	717	727	7,264	7,182	2,182	2,239
							Wire & Cable( )		가	
1988	3,931	3,807	10,311	10,260	1,903	1,806	155,969	152,524	2,199	2,165
1989	2,803	2,820	9,332	9,215	1,864	1,907	147,027	147,762	1,073	1,165
1990	2,827	3,001	6,062	6,048	2,162	2,167	195,953	193,139	397	437
1991	3,228	3,102	7,174	7,068	2,157	2,091	197,176	194,505	253	377
1992.	1,721	1,868	3,577	3,487	873	926	107,532	106,467	4	27

가 10% SM 15~25% PS  
 SM가 91 1 68 6 55 , 10 58 , 92 6  
 SM가 4 가 가 10% 가 가 가  
 가 SM 가  
 PS 가 가 SM 가

< 2 > PS



SM 가 PS  
 SM 10 SM 가 9 30 530~540  
 , 520  
 PS PS 가 95% SM가  
 SM PS

< 7> PS ( : , 1000 , %, )

	91.1~6		92.1~6			
	63,170	56,527	81,690	58,159	29.3	2.9
	5,153	6,875	5,468	6,004	6.1	12.6

< 6> PS 가 ( : 1,000 , / )

GPPS(Natural )	890	900	< >
HIPS(Natural )	990	990	Black, Brown: 15
MIPS(BK )	1,119	1,140	150
HIPS (BK )	1,733	1,730	: 20 , 200

GPPS(General Purpose Polystyrene) (MW:20 ~ 30 ) PMMA (Poly-methylmethacrylate) 가 가 가

HIPS GPPS Graft PS(High Impact Polystyrene)  
 , , 가  
 PS(Impact Polystyrene) 3% , 가 1~5  
 $\mu\text{m}$  HIPS 5~10% , 가 ,  
 가

가, 가 Filler 가  
 HIPS 가 (Br, Cl, P ) TBBA,  
 OBDPO, DBDPO 가 ( )  
 가 (PVC )