<PET >

PET

“ ”

PET PET Bottle PET Film
 SKI Film PET Bottle
 Bottle Film
 가
 PET(Polyester) 3867 94 720 가
 4587
 PET Chip 1295 (33.5%)
 , 1677 (43.4%) PET 가 Chip 76.9%
 Chip
 PET Bottle 429 (11.1%), Tire Cord 130
 (3.4%), 370 (9.5%)
 PET ( )가 800 가 , 94 4 300
 가 ( )
 568 150 가 , 718
 SKI( ) 570 PET 150 가 720
 , ( ) 410 94 100

< 1> PET Bottle (1991) (:100 / , %)

	450	230	734	154	259	1,377	33
	82	36	86	36		158	52
	192	36	259	64	66	425	45
	226	23	80	22	196	321	70
	950	325	1,159	279	521	2,281	42

) Coke

< 3> Base Film (:)

	1988		1989		1990		1991	
S K C	21,000	18,921	29,000	23,923	37,000	25,826	37,000	34,020
	44,400	31,200	54,400	53,570	54,400	46,122	54,400	48,960
	13,000	12,500	21,000	19,000	21,000	17,436	21,000	18,000
	6,600	1,650	6,600	6,600	6,600	3,600	6,600	4,800
	85,000	64,271	111,000	103,093	119,000	92,984	119,000	105,780

가 410 93 1/4 100 ,
 320 93 1/4 100 , 155 92 70 ,
 200 93 3/4 40 .
 PET Chip 3867 720 , 94 4587
 PET
 가 46 , SKI 50 , TPC 50 , 14 , 50 ,
 70 , 30 , 70 93 380 ,
 1677 2057 .
 PET Bottle PET Film
 가 PET Chip 가
 , PET Bottle
 , 가 80 , 1330 1410 1300
 , 2710 .
 91 8940 720
 9660 .

< 2 >

(* ( ))

	: (,) :PSF, PF, FILM	:PSF, Prepreg 1:PF, Acetate 2:PF	:NF, :PF, NF, T/C, FILM 2: : :	:PSF, PF : (45 T/Y) (33 T/Y) (4000kℓ) :PB/T(2720 /) , (15,11 T/Y) : (40), (1520)	1,2:PF : (47T/D) 1: 2:PF( )
PET (T/D)	Batch:180.5(15L) :367(3L) :547 :150(92.7)	Batch:255(12, 6) :315(1, 1) :570(150, 165) :150(92.10)	Batch:260(22L) :150(2L) :410 :100(93.10)	Batch:100(8L) :700(5L) :800	Batch:55(5L) :380(5L) :435
PET (T/D)	Batch 30T/D	Batch:10(, 1L, Furstein) :130(, 2L, Buhler) :88 /	Batch:30(T/C , 3L) 5X2(Bepex) 20X1(TORAY)	:70(1L, 1L) :2720 /	TNC CHIP-100T/D
PET SF (T/D)	238(:166) (B/T 36 X 2L) (DS 78,88 X 1L)	240(:120) (B/T 30X2L, 50X1L) (DS 30X4L)	NYLON FIL 126T/D T/C 50T/D	521(:450) (B/T 20,6,15,30X1L) (DS 60X2L, 80X3L) 40,50X1L)	
PET FIL (T/D)	UDY-D/T 16 POY-D/Y 32 SDY 31 POY 8 DTY 36 123 SDY:15('92.12)	UDY-D/T 80 POY-D/T 10 SDY 85 POY 20 195 SDY 50(93.10)	UDY-D/T 75 POY-D/T 44 POY-D/W 4 SDY 40 POY-DTY 70 232	UDY-D/T 71 POY-D/T 30 SDY 12 POY-D/W 15 POY-DTY 72(18) 200(18) SDY 24, POY 22('93.2)	UDY-D/T:85 POY-D/T:57 POY-D/W:22 SDY:43 POY-DTY:261 261 SDY 39, POY 11
	PP SPUNBOND 10T/D EPOXY 7000T/Y SPANDEX 1T/D	PREPREG 280T/Y 300T/Y TPA:20, DMT 10 T/Y	12 / SPUNBOND 3000T/Y PP 1 T/Y	PC :1 5000T/Y : (45 T/Y) (33 T/Y) (4000kℓ)	: 2400 /

600 , 1400 2000 1
 2300 , 720 1020 , 1060
 1260 , 600 1000
 93 PET Bottle 1 6470 1 9690
 19 7640 23 6280
 PET 900
 PET Chip SKI,
 가
 Coke PET Bottle 22 8100 9 5000
 , 58%
 PET Bottle
 가
 (1570), (900), (1200)
 ), (400), (1600), (800) 가
 , 1

< 4> PET Bottle ( ) (:1000 /)

		1991		1992				1991		1992					
		2	800			2	800			6	20,000	1	3,000	7	23,000
		5	13,300	3	13,000	8	26,300			2	7,200	1	3,000	3	10,200
		7	14,100	3	13,000	10	27,100			4	17,400			4	17,400
		9	21,400			9	21,400			1	800			1	800
		10	28,400			10	28,400			8	9,800	1	2,000	9	11,800
		7	28,800	2	7,200	9	36,000			9	10,600	1	2,000	10	12,600
		1	3,600			1	3,600			5	3,600	1	2,000	6	5,600
		1	3,600			1	3,600			3	2,400	1	2,000	4	4,400
		1	3,600			1	3,600			8	6,000	2	4,000	10	10,000
		29	89,400	2	7,200	31	96,600		(1000 /)	65	164,700	10	32,200	75	196,900
		2	6,000			2	6,000		(1000 /)		1,976,400		386,400		2,362,800
		4	14,000	1	3,000	5	17,000								

PET Bottle 50%
 3 가 ,
 12% ,
 ( )
 PET Bottle 70 ~ 95 1 9200
 20.2% , 가 가 4 5000
 47.4% ,
 8200 8.6%, 2 2500 23.7%

PET Bottle 90 7 , 91 9 5000 35.7%, 92 11 15.8% 가
 , Chip 90 3 7000 91 4 6400 25.4%, 92 5 1000 13.3%
 가
 TPA · DMT 가 가
 PET Bottle 가
 , PET 50% , SKC ·
 가
 PET SKC 10 , 5 4400
 , 5 3 7000 , 3 2 1000 , 1 6600
 11 9000

< 5> PET

(:T/D)

				S F			F I L			T/C(I)			
	800	300	'94.4	530 (130)			200 (12)	45	*S/D 24 P/D 22	70 (2,710)	10		0 ('92.1)
	570	150	'92.12 (9)	235 (30)			195 (85)	*50	*	140 (100)	6	180 SKC	0 ('92.1)
	434						261 (43)	50	'92.12 S39/P11	100 (8,000)	54	17	+70 ('92.1)
	410 (70)	*100 (~120)	* '94.				232 (40)			65	50 (10)	61 (21)	0 ('92.1)
	568 (117)	150	'92.7	238 (30)	120	'92.8	123 (31)	14	'92.12 Spindraw	34		112	+10 ('92.1)
	418 (500)	100	'92.4 '93.1/4	275			190 (60)						-50 ('92.1)
	320	150 (~200)	'93.6 '93.1/4	17 (17)			160 (17)	50	'92.7 Spindraw	20 (30)	10		+100 ('92.1)
	155	70	'92.12				152 (42)	70	'92.12 Spindraw				+0 ('92.1)
	200	40	'93.1/4				140 14<110	S 30 S 70	'92.6 '93.6				+60 ('92.1)
	3,867 (207)	720 (830)		1,295 (207)	120		1,677 (443)	380 (347)		429 (30)	130 (10)	370 (21)	

) : , :* DMT SF:* SF Conjugate
 FIL:* FIL Spindraw :* , Bottle (/)

SKC가

1 , 6600 3000
 , 92 PET 11 9000 , 6 8440
 5 560 42.5%
 가

가 92 7100 ,
4 가 , 가
, 74.7% PET PET
8055 90% , PET
PET Chip . PET Bottle PET Film
< 1992/11/15 >